



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS ANALYTICAL LABORATORIES, INC. DBA  
EUROFINS CENTRAL ANALYTICAL LABORATORIES  
2219 Lakeshore Drive, Suite 500  
New Orleans, LA 70122  
Lisa Musso Phone: 504-297-3400

CHEMICAL

Valid To: May 31, 2024

Certificate Number: 2993.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA Food Testing Program Requirements, containing the 2018 "AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on foods, feeds, oilseed meals, oilseeds, seafood, spices, oils, and fats:

| <u>Test(s)</u>                        | <u>Matrices</u>                                      | <u>Method(s)</u>               | <u>Reference(s)</u>                                                                             | <u>SOP</u>    |
|---------------------------------------|------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------|---------------|
| <b><u>Food Quality and Purity</u></b> |                                                      |                                |                                                                                                 |               |
| <b>Agricultural Chemistry</b>         |                                                      |                                |                                                                                                 |               |
| Ash                                   | Oilseed Meal,<br>Oilseeds,<br>Cereals, and<br>Flours | Gravimetry                     | ISO 5984:2002<br>ISO 2171:2007<br>ISO 5985:2002                                                 | O-TC-MET6331  |
| Crude Fat                             | Oilseed Meal<br>and Oilseed                          | Soxhlet /<br>Gravimetry        | AOCS Ba 3-38<br>AOCS Ac 3-44<br>ISO 734:2015<br>ISO 11085:2015<br>ISO 6492:1999<br>ISO 659:2009 | O-TC-MET6328  |
| Crude Fiber                           | Oilseed Meal<br>and Oilseed                          | Fiber Analyzer /<br>Gravimetry | AOCS Ba 6a-05<br>ISO 6865:2000                                                                  | O-TC-MET6329  |
| Crude Protein                         | Oilseed Meal<br>and Oilseed                          | Dumas -<br>Combustion          | AOCS Ba 4e-93<br>ISO 16634-2:2016                                                               | O-TC-MET5763  |
| Moisture                              | Oilseed Meal<br>and Oilseed                          | Gravimetry                     | AOCS Ba 2a-38<br>AOCS Ac 2-41<br>ISO 712:2009<br>ISO 6496:1999<br>ISO 665:2000                  | O-TC-MET5773  |
| <b>Oil Chemistry</b>                  |                                                      |                                |                                                                                                 |               |
| Acid Value                            | Oils and Fats                                        | Titrimetry                     | AOCS Cd 3d-63                                                                                   | O-TC-MET11247 |
| Anisidine Value                       | Oils and Fats                                        | Spectrophotometry              | AOCS Cd 18-90                                                                                   | O-TC-MET6369  |
| Diol Composition and Content          | Oils and Fats                                        | GC-FID                         | COI/T.20/Doc. No.<br>30/Rev.1                                                                   | O-TC-MET7045  |

| <u>Test(s)</u>                  | <u>Matrices</u>                                                        | <u>Method(s)</u>  | <u>Reference(s)</u>                                        | <u>SOP</u>    |
|---------------------------------|------------------------------------------------------------------------|-------------------|------------------------------------------------------------|---------------|
| Fatty Acids Profile             | Oils and Fats                                                          | GC-FID            | AOCS Ce 1b-89                                              | O-TC-MET6362  |
| Free Fatty Acids                | Oils and Fats                                                          | Titrimetry        | AOCS Ca 5a-40                                              | O-TC-MET6346  |
| Insoluble Impurities            | Oils and Fats                                                          | Gravimetry        | AOCS Ca 3a-46                                              | O-TC-MET6350  |
| Iodine Value                    | Oils and Fats                                                          | Titrimetry        | AOCS Cd 1b-87                                              | O-TC-MET6347  |
| Moisture                        | Oils and Fats                                                          | Gravimetry        | AOCS Ca 2b-38                                              | O-TC-MET6349  |
| Peroxide Value                  | Oils and Fats                                                          | Titrimetry        | AOCS Cd 8-53<br>AOCS Cd 8b-90                              | O-TC-MET6353  |
| Sterol Composition and Content  | Oils and Fats                                                          | GC-FID            | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1   | O-TC-MET7045  |
| UV Specific Extinction          | Olive Oils                                                             | Spectrophotometry | AOCS Ch5-91<br>COI/T.20/Doc. No. 19/Rev.3                  | O-TC-MET8887  |
| <b><u>Contaminants</u></b>      |                                                                        |                   |                                                            |               |
| <b>Metals</b>                   |                                                                        |                   |                                                            |               |
| Fluorine                        | Feeds                                                                  | ISE               | AOAC 975.08                                                | O-TC-MET16445 |
| Heavy Metals – As, Cd, Pb, Hg   | Foods and Feeds                                                        | ICP-MS            | AOAC 2013.06                                               | O-TC-MET6281  |
| Heavy Metals – Cr               | Foods and Feeds                                                        | ICP-OES           | AOAC 986.15 (modified)                                     | O-TC-MET7640  |
| <b>Mycotoxins</b>               |                                                                        |                   |                                                            |               |
| Aflatoxin M1                    | Dairy Products                                                         | HPLC-FLD          | ISO 14501<br>AOAC 2000.08                                  | O-TC-MET17191 |
| Aflatoxins and Ochratoxin A     | Foods, Feeds, Grains, Spices and Nuts                                  | LC-MS/MS          | AOAC 999.07 (modified)                                     | O-TC-MET6289  |
| Aflatoxins and Ochratoxin A     | Foods and Feeds, including Baby Food, Infant Formula, Spice, Botanical | HPLC-FLD          | AOAC 2000.16                                               | O-TC-MET6290  |
| Express Mycotoxins              | Foods and Feeds                                                        | LC-MS/MS          | Food Additives & Contaminants: Part A, 2013 Vol. 30, No. 3 | O-TC-MET28715 |
| Fumonisin                       | Feeds and Grains                                                       | LC-MS/MS          | J. AOAC, Vol 92 (2) 496                                    | O-TC-MET6285  |
| Multi-Mycotoxin Analysis        | Food and Feeds                                                         | LC-MS/MS          | Toxins 2020, 12 (7), 462                                   | O-TC-MET45392 |
| Patulin                         | Fruits and Grains                                                      | LC-MS/MS          | AOAC 2007.01 (modified)                                    | O-TC-MET7209  |
| <b>Veterinary Drug Residues</b> |                                                                        |                   |                                                            |               |
| Aminoglycosides                 | Tissue and Dairy                                                       | LC-MS/MS          | USDA CLG-AMG4.02                                           | O-TC-MET11312 |

| <u>Test(s)</u>                                     | <u>Matrices</u>                    | <u>Method(s)</u> | <u>Reference(s)</u>                                                           | <u>SOP</u>    |
|----------------------------------------------------|------------------------------------|------------------|-------------------------------------------------------------------------------|---------------|
| β-Agonists                                         | Tissue                             | LC-MS/MS         | USDA CLG-AGON1.07                                                             | O-TC-MET8128  |
| β-Lactams                                          | Tissue and Dairy                   | LC-MS/MS         | USDA CLG-BLAC.03                                                              | O-TC-MET10361 |
| Chloramphenicol                                    | Seafood and Honey                  | ELISA            | Ridascreen Test Kit                                                           | O-TC-MET5868  |
| Chloramphenicol                                    | Enzymes and Feeds                  | LC-MS/MS         | Internal Method                                                               | O-TC-MET6194  |
| Coccidiostats                                      | Feed and Tissue                    | LC-MS/MS         | Analytica Chimica Acta, 700 (2011), 26-33                                     | O-TC-MET6241  |
| Fluoroquinolone Drug Residues                      | Honey                              | LC-MS/MS         | FDA Study 419.01                                                              | O-TC-MET6205  |
| Fluoroquinolones                                   | Seafood                            | LC-MS/MS         | USFDA LIB 4405                                                                | O-TC-MET6202  |
| Malachite Green/<br>Gentian Violet                 | Seafood                            | LC-MS/MS         | FDA LIB 4395                                                                  | O-TC-MET7044  |
| Multiclass Antibiotics and<br>Insecticide Residues | Non-Medicated Feed                 | LC-MS/MS         | FDA LIB 4438 (modified)                                                       | O-TC-MET6242  |
| Nitrofurans Metabolites                            | Seafood                            | LC-MS/MS         | U.S. FDA/CFSAN Publication, 01 April 2004                                     | O-TC-MET6196  |
| Nitroimidazoles                                    | Seafood                            | LC-MS/MS         | CFIA SOM-DAR-CHE-057-01, April 30, 2012                                       | O-TC-MET6239  |
| Ractopamine                                        | Tissue, Feeds, Foods               | LC-MS/MS         | AOAC 2011.23 (modified)                                                       | O-TC-MET5867  |
| Sulfonamide and Tetracycline Antibiotics           | Honey                              | LC-MS/MS         | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89; J Agri Food Chem, 2008, 56 | O-TC-MET6198  |
| Sulfonamides, Macrolides and Penicillin G          | Tissue                             | LC-MS/MS         | J. Agric. Food Chem 2017, 65, 34, 7252-7267                                   | O-TC-MET29537 |
| Tetracyclines                                      | Tissue                             | LC-MS/MS         | AOAC 995.09 (modified)                                                        | O-TC-MET5869  |
| Triphenylmethane Dyes                              | Feeds                              | LC-MS/MS         | USFDA LIB 4395                                                                | O-TC-MET5873  |
| <b>Pesticides</b>                                  |                                    |                  |                                                                               |               |
| Diquat and Paraquat                                | Foods and Feeds                    | LC-MS/MS         | Food Chem. 209 (2016) 248-255 Modified                                        | O-TC-MET17847 |
| Dithiocarbamates                                   | Botanicals, Fruits, and Vegetables | LC-MS/MS         | Analytical and Bioanalytical Chemistry 392(5) 969-976 (2005)                  | O-TC-MET30901 |
| Glyphosate and Glufosinate                         | Foods and Feeds                    | LC-MS/MS         | J. Agric. Food Chem. 2004, 52, 4057-4063                                      | O-TC-MET6257  |

| <u>Test(s)</u>                | <u>Matrices</u>                                | <u>Method(s)</u>     | <u>Reference(s)</u>                                                                                        | <u>SOP</u>    |
|-------------------------------|------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------|---------------|
| Inorganic Bromide             | Food, Oils, Botanicals                         | GC-MS                | CRL SRM "Bromine Containing Fumigants Determined as Total Inorganic Bromide"                               | O-TC-MET7049  |
| Pesticides – Quechers         | Low and High Moisture Foods and Feeds          | GC-MS/MS<br>LC-MS/MS | AOAC 2007.01                                                                                               | O-TC-MET6251  |
| Pesticides - <USP 561/ 565>   | Supplements, Raw Materials, Botanical Products | GC-MS/MS<br>LC-MS/MS | USP 561, USP 565                                                                                           | O-TC-MET31260 |
| Pesticides in Animal Fats     | Fats                                           | GC-MS/MS             | N/A                                                                                                        | O-TC-MET18980 |
| <b>Other Contaminants</b>     |                                                |                      |                                                                                                            |               |
| Acrylamide                    | Food                                           | LC-MS/MS             | J. Agric. Food Chem 2003, 51,7547                                                                          | O-TC-MET6294  |
| Biogenic Amines               | Fish                                           | LC-MS/MS             | ISO 19343 (2017)                                                                                           | O-TC-MET24410 |
| Bisphenol A                   | Foods and Beverages                            | LC-MS/MS             | AOAC 2007.01 (modified)                                                                                    | O-TC-MET7208  |
| Chlorate/Perchlorate          | Foods and Beverages                            | LC-MS/MS             | US FDA, "Rapid Determination of Perchlorate Anion in Foods by Ion Chromatography-Tandem Mass Spectrometry" | O-TC-MET6261  |
| Ethylene Oxide Residues       | Spices and Botanicals                          | GC-MS/MS             | J. Food Comp. Anal. (19), 2006, 83-87                                                                      | O-TC-MET47380 |
| Furfuryl Alcohol              | Food and Beverages                             | GC-MS Headspace      | Internal Method                                                                                            | O-TC-MET23332 |
| MCPD and Glycidyl Esters      | Food, Oil, Infant Formula                      | GC-MS/MS             | AOCS Cd29b-13                                                                                              | O-TC-MET9767  |
| Melamine and Cyanuric Acid    | Foods and Feeds                                | LC-MS/MS             | FDA LIB 4422                                                                                               | O-TC-MET6284  |
| Polyaromatic Hydrocarbons     | Food and Oils                                  | GC-MS/MS             | Sigma Aldrich, Reporter, 33.4, 22.                                                                         | O-TC-MET9707  |
| Quaternary Ammonium Compounds | Food and Dairy                                 | LC-MS/MS             | EURL, "Quaternary Ammonia Compounds"                                                                       | O-TC-MET6325  |
| SUDAN I-IV Dyes               | Spices and Seasonings                          | LC-MS/MS             | ASTA Analytical Methods 29.0, July 2006                                                                    | O-TC-MET6292  |

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the FDA Laboratory Accreditation for Analyses of Foods, contained in the FDA Document Number 2021-25716<sup>1</sup>), accreditation is granted to this laboratory to perform the following tests:

| <u>Test(s)</u> | <u>Matrices</u> | <u>Method(s)</u> | <u>Reference(s)</u> | <u>SOP</u>    |
|----------------|-----------------|------------------|---------------------|---------------|
| Aflatoxin M1   | Dairy Products  | HPLC-FLD         | ISO 14501           | O-TC-MET17191 |

| <u>Test(s)</u>                | <u>Matrices</u>                                                        | <u>Method(s)</u>  | <u>Reference(s)</u>                                        | <u>SOP</u>    |
|-------------------------------|------------------------------------------------------------------------|-------------------|------------------------------------------------------------|---------------|
|                               |                                                                        |                   | AOAC 2000.08                                               |               |
| Aflatoxins and Ochratoxin A   | Foods, Feeds, Grains, Spices and Nuts                                  | LC-MS/MS          | AOAC 999.07 (modified)                                     | O-TC-MET6289  |
| Aflatoxins and Ochratoxin A   | Foods and Feeds, including Baby Food, Infant Formula, Spice, Botanical | HPLC-FLD          | AOAC 2000.16                                               | O-TC-MET6290  |
| Express Mycotoxins            | Foods and Feeds                                                        | LC-MS/MS          | Food Additives & Contaminants: Part A, 2013 Vol. 30, No. 3 | O-TC-MET28715 |
| Fumonisin                     | Feeds and Grains                                                       | LC-MS/MS          | J. AOAC, Vol 92 (2) 496                                    | O-TC-MET6285  |
| Heavy Metals – As, Cd, Pb, Hg | Foods and Feeds                                                        | ICP-MS            | AOAC 2013.06                                               | O-TC-MET6281  |
| Heavy Metals – Cr             | Foods and Feeds                                                        | ICP-OES           | AOAC 986.15 (modified)                                     | O-TC-MET7640  |
| Melamine and Cyanuric Acid    | Foods and Feeds                                                        | LC-MS/MS          | FDA LIB 4422                                               | O-TC-MET6284  |
| Patulin                       | Fruits and Grains                                                      | LC-MS/MS          | AOAC 2007.01 (modified)                                    | O-TC-MET7209  |
| Pesticides – Quechers         | Low and High Moisture Foods and Feeds                                  | GC-MS/MS LC-MS/MS | AOAC 2007.01                                               | O-TC-MET6251  |

<sup>1</sup>These methods have been assessed by A2LA according to A2LA's FDA LAAF Program requirements. Please visit <https://datadashboard.fda.gov/ora/fd/laaf.htm> for a list of current LAAF-Accredited Laboratories.

#### ANALYTE LIST ANNEX

**Table 1**  
**Sterol Composition and Content**

| <u>Analyte</u>           | <u>Reference(s)</u>                                      | <u>SOP</u>   |
|--------------------------|----------------------------------------------------------|--------------|
| 23-Stigmastadienol       | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045 |
| 24-Methylene Cholesterol | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045 |
| 24-Stigmastadienol       | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045 |
| Apparent beta-Sitosterol | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045 |
| beta-Sitosterol          | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045 |
| Campestanol              | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045 |
| Campesterol              | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045 |

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b>                               | <b><u>SOP</u></b> |
|-----------------------|----------------------------------------------------------|-------------------|
| Cholesterol           | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Clerosterol           | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Delta-5               | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Delta-5-avenasterol   | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Delta-7-avenasterol   | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Delta-7-stigmastenol  | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Sitostanol            | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Stigmasterol          | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |
| Total Sterols         | COI/T.20/Doc. No. 10/Rev.1<br>COI/T.20/Doc. No. 30/Rev.1 | O-TC-MET7045      |

**Table 2**  
**UV Specific Extinction**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b>             | <b><u>SOP</u></b> |
|-----------------------|----------------------------------------|-------------------|
| Delta K               | AOCS Ch5-91 COI/T.20/Doc. No. 19/Rev.3 | O-TC-MET8887      |
| K225                  | AOCS Ch5-91 COI/T.20/Doc. No. 19/Rev.3 | O-TC-MET8887      |
| K232                  | AOCS Ch5-91 COI/T.20/Doc. No. 19/Rev.3 | O-TC-MET8887      |
| K270                  | AOCS Ch5-91 COI/T.20/Doc. No. 19/Rev.3 | O-TC-MET8887      |

**Table 3**  
**Aflatoxins and Ochratoxin A**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b>             | <b><u>SOP</u></b>            |
|-----------------------|----------------------------------------|------------------------------|
| Aflatoxin B1          | AOAC 999.07 (modified)<br>AOAC 2000.16 | O-TC-MET6289<br>O-TC-MET6290 |
| Aflatoxin B2          | AOAC 999.07 (modified)<br>AOAC 2000.16 | O-TC-MET6289<br>O-TC-MET6290 |
| Aflatoxin G1          | AOAC 999.07 (modified)<br>AOAC 2000.16 | O-TC-MET6289<br>O-TC-MET6290 |
| Aflatoxin G2          | AOAC 999.07 (modified)<br>AOAC 2000.16 | O-TC-MET6289<br>O-TC-MET6290 |
| Ochratoxin A          | AOAC 999.07 (modified)<br>AOAC 2000.16 | O-TC-MET6289<br>O-TC-MET6290 |

**Table 4**  
**Express Mycotoxins**

| <b><u>Analyte</u></b>    | <b><u>Reference(s)</u></b>                                    | <b><u>SOP</u></b> |
|--------------------------|---------------------------------------------------------------|-------------------|
| 15-Acetyl Deoxynivalenol | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| 3-Acetyl Deoxynivalenol  | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| Aflatoxin B1             | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b>                                    | <b><u>SOP</u></b> |
|-----------------------|---------------------------------------------------------------|-------------------|
| Aflatoxin B2          | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| Aflatoxin G1          | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| Aflatoxin G2          | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| DAS                   | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| DON                   | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| Fusarenone x          | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| HT2                   | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| Neosolaniol           | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| T2                    | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |
| ZON                   | Food Additives & Contaminants: Part A, 2013<br>Vol. 30, No. 3 | O-TC-MET28715     |

**Table 5**  
**Fumonisin**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Fumonisin B1          | J. AOAC, Vol 92 (2) 496    | O-TC-MET6285      |
| Fumonisin B2          | J. AOAC, Vol 92 (2) 496    | O-TC-MET6285      |
| Fumonisin B3          | J. AOAC, Vol 92 (2) 496    | O-TC-MET6285      |
| Fumonisin Total       | J. AOAC, Vol 92 (2) 496    | O-TC-MET6285      |

**Table 6**  
**Aminoglycosides**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Dihydrostreptomycin   | USDA CLG-AMG4.02           | O-TC-MET11312     |
| Gentamycin            | USDA CLG-AMG4.02           | O-TC-MET11312     |
| Hygromycin            | USDA CLG-AMG4.02           | O-TC-MET11312     |
| Kanamycin             | USDA CLG-AMG4.02           | O-TC-MET11312     |
| Neomycin              | USDA CLG-AMG4.02           | O-TC-MET11312     |
| Paromomycin           | USDA CLG-AMG4.02           | O-TC-MET11312     |
| Spectinomycin         | USDA CLG-AMG4.02           | O-TC-MET11312     |
| Streptomycin          | USDA CLG-AMG4.02           | O-TC-MET11312     |

**Table 7**  
 **$\beta$ -Agonists**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Cimaterol             | USDA CLG-AGON1.07          | O-TC-MET8128      |
| Clenbuterol           | USDA CLG-AGON1.07          | O-TC-MET8128      |
| Ractopamine           | USDA CLG-AGON1.07          | O-TC-MET8128      |
| Salbutamol            | USDA CLG-AGON1.07          | O-TC-MET8128      |
| Zilpaterol            | USDA CLG-AGON1.07          | O-TC-MET8128      |

**Table 8**  
 **$\beta$ -Lactams**



| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Amoxicillin           | USDA CLG-BLAC.03           | O-TC-MET10361     |
| Ampicillin            | USDA CLG-BLAC.03           | O-TC-MET10361     |
| Cloxacillin           | USDA CLG-BLAC.03           | O-TC-MET10361     |
| Dicloxacillin         | USDA CLG-BLAC.03           | O-TC-MET10361     |
| Nafcillin             | USDA CLG-BLAC.03           | O-TC-MET10361     |
| Oxacillin             | USDA CLG-BLAC.03           | O-TC-MET10361     |
| Penicillin G          | USDA CLG-BLAC.03           | O-TC-MET10361     |

**Table 9**  
**Coccidiostats**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b>                | <b><u>SOP</u></b> |
|-----------------------|-------------------------------------------|-------------------|
| Aprolium              | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Arprinocid            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Clazuril              | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Clopidol              | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Decoquinat            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Diaveridine           | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Diclazuril            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Dinitolmid            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Ethopabate            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Halofuginone          | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Laidlomycin           | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Lasalocid             | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Maduramycin           | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Monensin              | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Narasin               | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Nicarbazin            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Niclosamid            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Robenidine            | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Salinomycin           | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Semduramicin          | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |
| Toltrazuril           | Analytica Chimica Acta, 700 (2011), 26-33 | O-TC-MET6241      |

**Table 10**  
**Fluoroquinolones**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Ciprofloxacin         | USFDA LIB 4405             | O-TC-MET6202      |
| Danofloxacin          | USFDA LIB 4405             | O-TC-MET6202      |
| Difloxacin            | USFDA LIB 4405             | O-TC-MET6202      |
| Enrofloxacin          | USFDA LIB 4405             | O-TC-MET6202      |
| Norfloxacin           | USFDA LIB 4405             | O-TC-MET6202      |
| Sarafloxacin          | USFDA LIB 4405             | O-TC-MET6202      |

**Table 11**  
**Multiclass Antibiotics and Insecticide Residues**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Abamectin             | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Amoxicillin           | FDA LIB 4438 (modified)    | O-TC-MET6242      |



| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Avilamycin            | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Chloramphenicol       | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Chlortetracycline     | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Ciprofloxacin         | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Colistin              | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Diflubenzuron         | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Doxycycline           | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Emamectin             | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Enrofloxacin          | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Erythromycin          | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Florfenicol           | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Flumequin             | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Ivermectine           | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Oxolinic acid         | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Oxytetracycline       | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Penicillin G          | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Sarafloxacin          | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Spiramycin            | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Sulfamethazine        | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Teflubenzuron         | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Tetracycline          | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Trimethoprim          | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Tylosin               | FDA LIB 4438 (modified)    | O-TC-MET6242      |
| Virginiamycin M1      | FDA LIB 4438 (modified)    | O-TC-MET6242      |

**Table 12**  
**Nitrofurantoin Metabolites**

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b>                | <b><u>SOP</u></b> |
|-----------------------|-------------------------------------------|-------------------|
| AH                    | U.S. FDA/CFSAN Publication, 01 April 2004 | O-TC-MET6196      |
| AMAZ                  | U.S. FDA/CFSAN Publication, 01 April 2004 | O-TC-MET6196      |
| AOZ                   | U.S. FDA/CFSAN Publication, 01 April 2004 | O-TC-MET6196      |
| SC                    | U.S. FDA/CFSAN Publication, 01 April 2004 | O-TC-MET6196      |

**Table 13**  
**Nitroimidazoles**

| <b><u>Analyte</u></b>                | <b><u>Reference(s)</u></b>              | <b><u>SOP</u></b> |
|--------------------------------------|-----------------------------------------|-------------------|
| 5-Hydroxy-Thiabendazole              | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Cambendazole                         | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Dimetridazole (DMZ)                  | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Fenbendazole                         | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| HMMNI Metabolite (DMZ-OH and RNZ-OH) | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Iprnidazole (IPZ)                    | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Iprnidazole metabolite (IPZ-OH)      | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |

| <b><u>Analyte</u></b>             | <b><u>Reference(s)</u></b>              | <b><u>SOP</u></b> |
|-----------------------------------|-----------------------------------------|-------------------|
| Mebendazole                       | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Metronidazole (MNZ)               | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Metronidazole metabolite (MNZ-OH) | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Oxfendazole                       | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Ronidazole                        | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |
| Thiabendazole                     | CFIA SOM-DAR-CHE-057-01, April 30, 2012 | O-TC-MET6239      |

**Table 14**  
**Sulfonamide and Tetracycline Antibiotics**

| <b><u>Analyte</u></b>          | <b><u>Reference(s)</u></b>                                                       | <b><u>SOP</u></b> |
|--------------------------------|----------------------------------------------------------------------------------|-------------------|
| Dapsone                        | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Ormethoprim                    | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfachloropyridazine          | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfadiazine                   | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfadimethoxine               | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfadimidine (Sulfamethazine) | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfadoxine                    | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfaguanidine                 | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfamerazine                  | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfamethizole                 | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfamethoxazole               | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |
| Sulfamethoxypyridazine         | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198      |

| <b>Analyte</b>     | <b>Reference(s)</b>                                                              | <b>SOP</b>   |
|--------------------|----------------------------------------------------------------------------------|--------------|
| Sulfamonomethoxine | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |
| Sulfamoxole        | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |
| Sulfanilamide      | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |
| Sulfapyrdine       | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |
| Sulfaquinoxaline   | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |
| Sulfathiazole      | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |
| Sulfisoxazole      | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |
| Trimethoprim       | J. AOAC, 2002, 85; J Sci Food and Agric, 2009, 89;<br>J Agri Food Chem, 2008, 56 | O-TC-MET6198 |

**Table 15**  
**Sulfonamides, Macrolides and Penicillin G**

| <b>Analyte</b>         | <b>Reference(s)</b>                         | <b>SOP</b>    |
|------------------------|---------------------------------------------|---------------|
| Erythromycin           | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| lincomycin             | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Ormethoprim            | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Penicillin G           | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfachloropyridazine  | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfaclozine           | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfadiazine           | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfadimethoxine       | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfadoxine            | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfaguanidine         | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfamerazine          | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfamethazine         | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfamethizole         | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfamethoxazole       | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfamethoxypyridazine | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfamonomethoxine     | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfamoxol             | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfapyridine          | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfaquinoxaline       | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfathiazole          | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Sulfisoxazole          | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Tilmicosin             | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |
| Trimethoprim           | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |

| <u>Analyte</u> | <u>Reference(s)</u>                         | <u>SOP</u>    |
|----------------|---------------------------------------------|---------------|
| Tylosin        | J. Agric. Food Chem 2017, 65, 34, 7252-7267 | O-TC-MET29537 |

**Table 16**  
**Tetracyclines**

| <u>Analyte</u>    | <u>Reference(s)</u>    | <u>SOP</u>   |
|-------------------|------------------------|--------------|
| Chlortetracycline | AOAC 995.09 (modified) | O-TC-MET5869 |
| Doxycycline       | AOAC 995.09 (modified) | O-TC-MET5869 |
| Tetracycline      | AOAC 995.09 (modified) | O-TC-MET5869 |
| Oxytetracycline   | AOAC 995.09 (modified) | O-TC-MET5869 |

**Table 17**  
**Triphenylmethane Dyes**

| <u>Analyte</u>                                 | <u>Reference(s)</u> | <u>SOP</u>   |
|------------------------------------------------|---------------------|--------------|
| Brilliant Green                                | USFDA LIB 4395      | O-TC-MET5873 |
| Crystal Violet                                 | USFDA LIB 4395      | O-TC-MET5873 |
| Leucocrystal Violet                            | USFDA LIB 4395      | O-TC-MET5873 |
| Leucomalachite Green                           | USFDA LIB 4395      | O-TC-MET5873 |
| Leuomalachite Green                            | USFDA LIB 4395      | O-TC-MET5873 |
| Malachite Green                                | USFDA LIB 4395      | O-TC-MET5873 |
| Malachite Green +<br>Leuomalachite Green       | USFDA LIB 4395      | O-TC-MET5873 |
| Sum of Crystal Violet +<br>Leucocrystal Violet | USFDA LIB 4395      | O-TC-MET5873 |

**Table 18**  
**Dithiocarbamates**

| <u>Analyte</u>                         | <u>Reference(s)</u>                                             | <u>SOP</u>    |
|----------------------------------------|-----------------------------------------------------------------|---------------|
| Dithiocarbamates (as CS <sub>2</sub> ) | Analytical and Bioanalytical Chemistry<br>392(5) 969-976 (2005) | O-TC-MET30901 |
| Mancozeb                               | Analytical and Bioanalytical Chemistry<br>392(5) 969-976 (2005) | O-TC-MET30901 |
| Metam Sodium                           | Analytical and Bioanalytical Chemistry<br>392(5) 969-976 (2005) | O-TC-MET30901 |
| Propineb                               | Analytical and Bioanalytical Chemistry<br>392(5) 969-976 (2005) | O-TC-MET30901 |
| Ziram                                  | Analytical and Bioanalytical Chemistry<br>392(5) 969-976 (2005) | O-TC-MET30901 |

**Table 19**  
**Glyphosate and Glufosinate**

| <u>Analyte</u>                       | <u>Reference(s)</u>                      | <u>SOP</u>   |
|--------------------------------------|------------------------------------------|--------------|
| Aminomethylphosphonic<br>Acid (AMPA) | J. Agric. Food Chem. 2004, 52, 4057-4063 | O-TC-MET6257 |
| Glufosinate-ammonium                 | J. Agric. Food Chem. 2004, 52, 4057-4063 | O-TC-MET6257 |
| Glyphosate                           | J. Agric. Food Chem. 2004, 52, 4057-4063 | O-TC-MET6257 |

**Table 20**  
**Pesticides – Quechers**



| <b><u>Analyte</u></b>             | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------------------|----------------------------|-------------------|
| 1-Naphthol                        | AOAC 2007.01               | O-TC-MET6251      |
| 2,3,5,6-Tetrachloroaniline        | AOAC 2007.01               | O-TC-MET6251      |
| 3-hydroxycarbofuran               | AOAC 2007.01               | O-TC-MET6251      |
| 3-Ketocarbofuran                  | AOAC 2007.01               | O-TC-MET6251      |
| Abamectin                         | AOAC 2007.01               | O-TC-MET6251      |
| Acephate                          | AOAC 2007.01               | O-TC-MET6251      |
| Acetamiprid                       | AOAC 2007.01               | O-TC-MET6251      |
| Acetochlor                        | AOAC 2007.01               | O-TC-MET6251      |
| Acibenzolar-s-methyl              | AOAC 2007.01               | O-TC-MET6251      |
| Aclonifen                         | AOAC 2007.01               | O-TC-MET6251      |
| Acrinathrin                       | AOAC 2007.01               | O-TC-MET6251      |
| Alachlor                          | AOAC 2007.01               | O-TC-MET6251      |
| Aldicarb                          | AOAC 2007.01               | O-TC-MET6251      |
| Aldicarb-sulfone                  | AOAC 2007.01               | O-TC-MET6251      |
| Aldicarb-sulfoxide                | AOAC 2007.01               | O-TC-MET6251      |
| Aldrin                            | AOAC 2007.01               | O-TC-MET6251      |
| Allethrin                         | AOAC 2007.01               | O-TC-MET6251      |
| Ametryn                           | AOAC 2007.01               | O-TC-MET6251      |
| Aminocarb                         | AOAC 2007.01               | O-TC-MET6251      |
| Amitraz                           | AOAC 2007.01               | O-TC-MET6251      |
| Atrazine                          | AOAC 2007.01               | O-TC-MET6251      |
| Azaconazole                       | AOAC 2007.01               | O-TC-MET6251      |
| Azadirachtin                      | AOAC 2007.01               | O-TC-MET6251      |
| Azinphos-ethyl<br>(Ethyl Guthion) | AOAC 2007.01               | O-TC-MET6251      |
| Azinphos-methyl                   | AOAC 2007.01               | O-TC-MET6251      |
| Azinphos-methyl Oxon              | AOAC 2007.01               | O-TC-MET6251      |
| Azoxystrobin                      | AOAC 2007.01               | O-TC-MET6251      |
| Benalaxyl                         | AOAC 2007.01               | O-TC-MET6251      |
| Bendiocarb                        | AOAC 2007.01               | O-TC-MET6251      |
| Benfluralin                       | AOAC 2007.01               | O-TC-MET6251      |
| Benfuracarb                       | AOAC 2007.01               | O-TC-MET6251      |
| Bensulide                         | AOAC 2007.01               | O-TC-MET6251      |
| Bifenazate                        | AOAC 2007.01               | O-TC-MET6251      |
| Bifenoxy                          | AOAC 2007.01               | O-TC-MET6251      |
| Bifenthrin                        | AOAC 2007.01               | O-TC-MET6251      |
| Bitertanol                        | AOAC 2007.01               | O-TC-MET6251      |
| Boscalid                          | AOAC 2007.01               | O-TC-MET6251      |
| Bromacil                          | AOAC 2007.01               | O-TC-MET6251      |
| Bromocyclen                       | AOAC 2007.01               | O-TC-MET6251      |
| Bromophos                         | AOAC 2007.01               | O-TC-MET6251      |
| Bromophos-ethyl                   | AOAC 2007.01               | O-TC-MET6251      |
| Bromopropylate                    | AOAC 2007.01               | O-TC-MET6251      |
| Bromuconazole                     | AOAC 2007.01               | O-TC-MET6251      |
| Bupirimate                        | AOAC 2007.01               | O-TC-MET6251      |
| Buprofezin                        | AOAC 2007.01               | O-TC-MET6251      |
| Butachlor                         | AOAC 2007.01               | O-TC-MET6251      |
| Butafenacil                       | AOAC 2007.01               | O-TC-MET6251      |
| Butocarboxim-sulfoxide            | AOAC 2007.01               | O-TC-MET6251      |

| <b><u>Analyte</u></b>  | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|------------------------|----------------------------|-------------------|
| Butylate               | AOAC 2007.01               | O-TC-MET6251      |
| Cadusaphos             | AOAC 2007.01               | O-TC-MET6251      |
| Captafol               | AOAC 2007.01               | O-TC-MET6251      |
| Captan                 | AOAC 2007.01               | O-TC-MET6251      |
| Carbaryl               | AOAC 2007.01               | O-TC-MET6251      |
| Carbendazim            | AOAC 2007.01               | O-TC-MET6251      |
| Carbetamide            | AOAC 2007.01               | O-TC-MET6251      |
| Carbofuran             | AOAC 2007.01               | O-TC-MET6251      |
| Carbofuran (Phenol)    | AOAC 2007.01               | O-TC-MET6251      |
| Carbophenothion        | AOAC 2007.01               | O-TC-MET6251      |
| Carbophenothion-methyl | AOAC 2007.01               | O-TC-MET6251      |
| Carbosulfan            | AOAC 2007.01               | O-TC-MET6251      |
| Carboxin               | AOAC 2007.01               | O-TC-MET6251      |
| Carfentrazone-ethyl    | AOAC 2007.01               | O-TC-MET6251      |
| Chlorantraniliprole    | AOAC 2007.01               | O-TC-MET6251      |
| Chlordane, cis-        | AOAC 2007.01               | O-TC-MET6251      |
| Chlordane, oxy-        | AOAC 2007.01               | O-TC-MET6251      |
| Chlordane, trans-      | AOAC 2007.01               | O-TC-MET6251      |
| Chlordene, beta        | AOAC 2007.01               | O-TC-MET6251      |
| Chlordene, gamma-      | AOAC 2007.01               | O-TC-MET6251      |
| Chlordimeform          | AOAC 2007.01               | O-TC-MET6251      |
| Chlorethoxyfos         | AOAC 2007.01               | O-TC-MET6251      |
| Chlorfenapyr           | AOAC 2007.01               | O-TC-MET6251      |
| Chlorfenson            | AOAC 2007.01               | O-TC-MET6251      |
| Chlorfenvinphos        | AOAC 2007.01               | O-TC-MET6251      |
| Chloridazone           | AOAC 2007.01               | O-TC-MET6251      |
| Chlorobenzilate        | AOAC 2007.01               | O-TC-MET6251      |
| Chloroneb              | AOAC 2007.01               | O-TC-MET6251      |
| Chloropropylate        | AOAC 2007.01               | O-TC-MET6251      |
| Chlorothalonil         | AOAC 2007.01               | O-TC-MET6251      |
| Chloroxuron            | AOAC 2007.01               | O-TC-MET6251      |
| Chlorpropham (CIPC)    | AOAC 2007.01               | O-TC-MET6251      |
| Chlorpyrifos           | AOAC 2007.01               | O-TC-MET6251      |
| Chlorpyrifos-methyl    | AOAC 2007.01               | O-TC-MET6251      |
| Chlorthal-dimethyl     | AOAC 2007.01               | O-TC-MET6251      |
| Chlorthiofos           | AOAC 2007.01               | O-TC-MET6251      |
| Chlorthion             | AOAC 2007.01               | O-TC-MET6251      |
| Chlozolate             | AOAC 2007.01               | O-TC-MET6251      |
| Clethodim              | AOAC 2007.01               | O-TC-MET6251      |
| Climbazole             | AOAC 2007.01               | O-TC-MET6251      |
| Clodinafop-propargyl   | AOAC 2007.01               | O-TC-MET6251      |
| Clofentezine           | AOAC 2007.01               | O-TC-MET6251      |
| Clomazone              | AOAC 2007.01               | O-TC-MET6251      |
| Cloquintocet-mexyl     | AOAC 2007.01               | O-TC-MET6251      |
| Clothianidin           | AOAC 2007.01               | O-TC-MET6251      |
| Coumaphos              | AOAC 2007.01               | O-TC-MET6251      |
| Crimidine              | AOAC 2007.01               | O-TC-MET6251      |
| Crotoxyphos            | AOAC 2007.01               | O-TC-MET6251      |
| Cyanazine              | AOAC 2007.01               | O-TC-MET6251      |



| <b><u>Analyte</u></b>    | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|--------------------------|----------------------------|-------------------|
| Cyanofenphos             | AOAC 2007.01               | O-TC-MET6251      |
| Cyanophos                | AOAC 2007.01               | O-TC-MET6251      |
| Cyantraniliprole         | AOAC 2007.01               | O-TC-MET6251      |
| Cyazofamid               | AOAC 2007.01               | O-TC-MET6251      |
| Cycloate                 | AOAC 2007.01               | O-TC-MET6251      |
| Cycloxydim               | AOAC 2007.01               | O-TC-MET6251      |
| Cyfluthrin               | AOAC 2007.01               | O-TC-MET6251      |
| Cyhalofop-butyl          | AOAC 2007.01               | O-TC-MET6251      |
| Cyhalothrin, lambda-     | AOAC 2007.01               | O-TC-MET6251      |
| Cyhalothrin, gamma-      | AOAC 2007.01               | O-TC-MET6251      |
| Cymoxanil                | AOAC 2007.01               | O-TC-MET6251      |
| Cypermethrin             | AOAC 2007.01               | O-TC-MET6251      |
| Cyproconazole            | AOAC 2007.01               | O-TC-MET6251      |
| Cyprodinil               | AOAC 2007.01               | O-TC-MET6251      |
| Cyromazine               | AOAC 2007.01               | O-TC-MET6251      |
| DDD, o,p'-               | AOAC 2007.01               | O-TC-MET6251      |
| DDD, p,p'-               | AOAC 2007.01               | O-TC-MET6251      |
| DDE, o,p'-               | AOAC 2007.01               | O-TC-MET6251      |
| DDE, p,p'-               | AOAC 2007.01               | O-TC-MET6251      |
| DDT, o,p'-               | AOAC 2007.01               | O-TC-MET6251      |
| DDT, p,p'-               | AOAC 2007.01               | O-TC-MET6251      |
| DEF (Butifos)            | AOAC 2007.01               | O-TC-MET6251      |
| Deltamethrin             | AOAC 2007.01               | O-TC-MET6251      |
| Demeton-O                | AOAC 2007.01               | O-TC-MET6251      |
| Demeton-S                | AOAC 2007.01               | O-TC-MET6251      |
| Demeton-S-methyl         | AOAC 2007.01               | O-TC-MET6251      |
| Demeton-S-methyl-sulfone | AOAC 2007.01               | O-TC-MET6251      |
| Demeton-S-sulfone        | AOAC 2007.01               | O-TC-MET6251      |
| Desmedipham              | AOAC 2007.01               | O-TC-MET6251      |
| Desmetryn                | AOAC 2007.01               | O-TC-MET6251      |
| Diafenthiuron            | AOAC 2007.01               | O-TC-MET6251      |
| Dialifos                 | AOAC 2007.01               | O-TC-MET6251      |
| Diallate                 | AOAC 2007.01               | O-TC-MET6251      |
| Diazinon                 | AOAC 2007.01               | O-TC-MET6251      |
| Diazinon (O Analog)      | AOAC 2007.01               | O-TC-MET6251      |
| Dichlobenil              | AOAC 2007.01               | O-TC-MET6251      |
| Dichlofenthion           | AOAC 2007.01               | O-TC-MET6251      |
| Dichlofluanid            | AOAC 2007.01               | O-TC-MET6251      |
| Dichlone                 | AOAC 2007.01               | O-TC-MET6251      |
| Dichlorvos               | AOAC 2007.01               | O-TC-MET6251      |
| Diclobutrazol            | AOAC 2007.01               | O-TC-MET6251      |
| Dicloran                 | AOAC 2007.01               | O-TC-MET6251      |
| Dicofol, p,p-            | AOAC 2007.01               | O-TC-MET6251      |
| Dicrotophos              | AOAC 2007.01               | O-TC-MET6251      |
| Dieldrin                 | AOAC 2007.01               | O-TC-MET6251      |
| Diethofencarb            | AOAC 2007.01               | O-TC-MET6251      |
| Difenoconazole           | AOAC 2007.01               | O-TC-MET6251      |
| Diflubenzuron            | AOAC 2007.01               | O-TC-MET6251      |
| Diflufenican             | AOAC 2007.01               | O-TC-MET6251      |



| <b>Analyte</b>                                              | <b>Reference(s)</b> | <b>SOP</b>   |
|-------------------------------------------------------------|---------------------|--------------|
| Dimethachlor                                                | AOAC 2007.01        | O-TC-MET6251 |
| Dimethametryn                                               | AOAC 2007.01        | O-TC-MET6251 |
| Dimethenamid<br>(Including other mixtures<br>of constitute) | AOAC 2007.01        | O-TC-MET6251 |
| Dimethoate                                                  | AOAC 2007.01        | O-TC-MET6251 |
| Dimethomorph                                                | AOAC 2007.01        | O-TC-MET6251 |
| Dimethylvinphos                                             | AOAC 2007.01        | O-TC-MET6251 |
| Dimoxystrobin                                               | AOAC 2007.01        | O-TC-MET6251 |
| Diniconazole                                                | AOAC 2007.01        | O-TC-MET6251 |
| Dinotefuran                                                 | AOAC 2007.01        | O-TC-MET6251 |
| Dioxacarb                                                   | AOAC 2007.01        | O-TC-MET6251 |
| Dioxathion                                                  | AOAC 2007.01        | O-TC-MET6251 |
| Diphenamid                                                  | AOAC 2007.01        | O-TC-MET6251 |
| Diphenyl                                                    | AOAC 2007.01        | O-TC-MET6251 |
| Diphenylamine                                               | AOAC 2007.01        | O-TC-MET6251 |
| Dipropetryn                                                 | AOAC 2007.01        | O-TC-MET6251 |
| Disulfoton                                                  | AOAC 2007.01        | O-TC-MET6251 |
| Disulfoton-PS-sulfone                                       | AOAC 2007.01        | O-TC-MET6251 |
| Diuron                                                      | AOAC 2007.01        | O-TC-MET6251 |
| Dodine                                                      | AOAC 2007.01        | O-TC-MET6251 |
| Edifenphos                                                  | AOAC 2007.01        | O-TC-MET6251 |
| Endosulfan I (alpha-<br>endosulfan)                         | AOAC 2007.01        | O-TC-MET6251 |
| Endosulfan II (beta-<br>Endosulfan)                         | AOAC 2007.01        | O-TC-MET6251 |
| Endosulfan Sulphate                                         | AOAC 2007.01        | O-TC-MET6251 |
| Endrin                                                      | AOAC 2007.01        | O-TC-MET6251 |
| Endrin Ketone                                               | AOAC 2007.01        | O-TC-MET6251 |
| Endrin-aldehyde                                             | AOAC 2007.01        | O-TC-MET6251 |
| EPN                                                         | AOAC 2007.01        | O-TC-MET6251 |
| Epoxiconazole                                               | AOAC 2007.01        | O-TC-MET6251 |
| EPTC                                                        | AOAC 2007.01        | O-TC-MET6251 |
| Esfenvalerate                                               | AOAC 2007.01        | O-TC-MET6251 |
| Etaconazole                                                 | AOAC 2007.01        | O-TC-MET6251 |
| Ethalfuralin                                                | AOAC 2007.01        | O-TC-MET6251 |
| Ethiofencarb                                                | AOAC 2007.01        | O-TC-MET6251 |
| Ethiofencarb-sulfone                                        | AOAC 2007.01        | O-TC-MET6251 |
| Ethiofencarb-sulfoxide                                      | AOAC 2007.01        | O-TC-MET6251 |
| Ethion                                                      | AOAC 2007.01        | O-TC-MET6251 |
| Ethofumesate                                                | AOAC 2007.01        | O-TC-MET6251 |
| Ethoprophos                                                 | AOAC 2007.01        | O-TC-MET6251 |
| Ethoxyquin                                                  | AOAC 2007.01        | O-TC-MET6251 |
| Etobenzanid                                                 | AOAC 2007.01        | O-TC-MET6251 |
| Etofenprox                                                  | AOAC 2007.01        | O-TC-MET6251 |
| Etoxazole                                                   | AOAC 2007.01        | O-TC-MET6251 |
| Etridiazole                                                 | AOAC 2007.01        | O-TC-MET6251 |
| Etrimfos                                                    | AOAC 2007.01        | O-TC-MET6251 |
| Famophos                                                    | AOAC 2007.01        | O-TC-MET6251 |

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Famoxadone            | AOAC 2007.01               | O-TC-MET6251      |
| Fenamidone            | AOAC 2007.01               | O-TC-MET6251      |
| Fenamiphos            | AOAC 2007.01               | O-TC-MET6251      |
| Fenarimol             | AOAC 2007.01               | O-TC-MET6251      |
| Fenazaquin            | AOAC 2007.01               | O-TC-MET6251      |
| Fenbuconazole         | AOAC 2007.01               | O-TC-MET6251      |
| Fenchlorphos          | AOAC 2007.01               | O-TC-MET6251      |
| Fenfluthrin           | AOAC 2007.01               | O-TC-MET6251      |
| Fenhexamid            | AOAC 2007.01               | O-TC-MET6251      |
| Fenitrothion          | AOAC 2007.01               | O-TC-MET6251      |
| Fenobucarb            | AOAC 2007.01               | O-TC-MET6251      |
| Fenoxaprop-p-ethyl    | AOAC 2007.01               | O-TC-MET6251      |
| Fenoxycarb            | AOAC 2007.01               | O-TC-MET6251      |
| Fenpropathrin         | AOAC 2007.01               | O-TC-MET6251      |
| Fenpropimorph         | AOAC 2007.01               | O-TC-MET6251      |
| Fenpyroximate         | AOAC 2007.01               | O-TC-MET6251      |
| Fenson                | AOAC 2007.01               | O-TC-MET6251      |
| Fensulfothion         | AOAC 2007.01               | O-TC-MET6251      |
| Fenthion              | AOAC 2007.01               | O-TC-MET6251      |
| Fenvalerate           | AOAC 2007.01               | O-TC-MET6251      |
| Fipronil              | AOAC 2007.01               | O-TC-MET6251      |
| Flonicamid            | AOAC 2007.01               | O-TC-MET6251      |
| Fluazifop-P-butyl     | AOAC 2007.01               | O-TC-MET6251      |
| Flubendiamide         | AOAC 2007.01               | O-TC-MET6251      |
| Fluchloralin          | AOAC 2007.01               | O-TC-MET6251      |
| Flucythrinate         | AOAC 2007.01               | O-TC-MET6251      |
| Fludioxonil           | AOAC 2007.01               | O-TC-MET6251      |
| Fluensulfone          | AOAC 2007.01               | O-TC-MET6251      |
| Flufenacet            | AOAC 2007.01               | O-TC-MET6251      |
| Flufenoxuron          | AOAC 2007.01               | O-TC-MET6251      |
| Flumioxazin           | AOAC 2007.01               | O-TC-MET6251      |
| Fluopicolide          | AOAC 2007.01               | O-TC-MET6251      |
| Fluopyram             | AOAC 2007.01               | O-TC-MET6251      |
| Fluotrimazole         | AOAC 2007.01               | O-TC-MET6251      |
| Flupyradifurone       | AOAC 2007.01               | O-TC-MET6251      |
| Fluquinconazole       | AOAC 2007.01               | O-TC-MET6251      |
| Flusilazole           | AOAC 2007.01               | O-TC-MET6251      |
| Fluthiacet-methyl     | AOAC 2007.01               | O-TC-MET6251      |
| Flutolanil            | AOAC 2007.01               | O-TC-MET6251      |
| Flutriafol            | AOAC 2007.01               | O-TC-MET6251      |
| Fluvalinate           | AOAC 2007.01               | O-TC-MET6251      |
| Fluxapyroxad          | AOAC 2007.01               | O-TC-MET6251      |
| Folpet                | AOAC 2007.01               | O-TC-MET6251      |
| Fonofos               | AOAC 2007.01               | O-TC-MET6251      |
| Forchlorfenuron       | AOAC 2007.01               | O-TC-MET6251      |
| Formetanate           | AOAC 2007.01               | O-TC-MET6251      |
| Fosthiazate           | AOAC 2007.01               | O-TC-MET6251      |
| Furalaxyl             | AOAC 2007.01               | O-TC-MET6251      |
| Furathiocarb          | AOAC 2007.01               | O-TC-MET6251      |

| <b>Analyte</b>                                   | <b>Reference(s)</b> | <b>SOP</b>   |
|--------------------------------------------------|---------------------|--------------|
| Halfenprox                                       | AOAC 2007.01        | O-TC-MET6251 |
| HCH, alpha-                                      | AOAC 2007.01        | O-TC-MET6251 |
| HCH, beta-                                       | AOAC 2007.01        | O-TC-MET6251 |
| HCH, delta-                                      | AOAC 2007.01        | O-TC-MET6251 |
| HCH, gamma - (Lindane)                           | AOAC 2007.01        | O-TC-MET6251 |
| Heptachlor                                       | AOAC 2007.01        | O-TC-MET6251 |
| Heptachlor Epoxide (cis-, trans-)                | AOAC 2007.01        | O-TC-MET6251 |
| Heptenophos                                      | AOAC 2007.01        | O-TC-MET6251 |
| Hexachlorobenzene (HCB)                          | AOAC 2007.01        | O-TC-MET6251 |
| Hexaconazole                                     | AOAC 2007.01        | O-TC-MET6251 |
| Hexaflumuron                                     | AOAC 2007.01        | O-TC-MET6251 |
| Hexazinone                                       | AOAC 2007.01        | O-TC-MET6251 |
| Hexythiazox                                      | AOAC 2007.01        | O-TC-MET6251 |
| Hydroprene                                       | AOAC 2007.01        | O-TC-MET6251 |
| Imazalil (Any ratio of constituent isomers)      | AOAC 2007.01        | O-TC-MET6251 |
| Imidacloprid                                     | AOAC 2007.01        | O-TC-MET6251 |
| Indoxacarb (Sum, R+S isomers)                    | AOAC 2007.01        | O-TC-MET6251 |
| Iprobenfos                                       | AOAC 2007.01        | O-TC-MET6251 |
| Iprodione                                        | AOAC 2007.01        | O-TC-MET6251 |
| Iprovalicarb                                     | AOAC 2007.01        | O-TC-MET6251 |
| Isazophos                                        | AOAC 2007.01        | O-TC-MET6251 |
| Isocarbamid                                      | AOAC 2007.01        | O-TC-MET6251 |
| Isocarbofos                                      | AOAC 2007.01        | O-TC-MET6251 |
| Isodrin                                          | AOAC 2007.01        | O-TC-MET6251 |
| Isofenphos                                       | AOAC 2007.01        | O-TC-MET6251 |
| Isofenphos-methyl                                | AOAC 2007.01        | O-TC-MET6251 |
| Isoprocab                                        | AOAC 2007.01        | O-TC-MET6251 |
| Isopropalin                                      | AOAC 2007.01        | O-TC-MET6251 |
| Isoprothiolane                                   | AOAC 2007.01        | O-TC-MET6251 |
| Isoproturon                                      | AOAC 2007.01        | O-TC-MET6251 |
| Isoxaben                                         | AOAC 2007.01        | O-TC-MET6251 |
| Isoxadifen-ethyl                                 | AOAC 2007.01        | O-TC-MET6251 |
| Isoxaflutole                                     | AOAC 2007.01        | O-TC-MET6251 |
| Kresoxim-methyl                                  | AOAC 2007.01        | O-TC-MET6251 |
| Lenacil                                          | AOAC 2007.01        | O-TC-MET6251 |
| Leptophos                                        | AOAC 2007.01        | O-TC-MET6251 |
| Linuron                                          | AOAC 2007.01        | O-TC-MET6251 |
| Lufenuron                                        | AOAC 2007.01        | O-TC-MET6251 |
| Malaoxon                                         | AOAC 2007.01        | O-TC-MET6251 |
| Malathion                                        | AOAC 2007.01        | O-TC-MET6251 |
| Mandipropamid (Any ratio of constituent isomers) | AOAC 2007.01        | O-TC-MET6251 |
| Mecarbam                                         | AOAC 2007.01        | O-TC-MET6251 |
| Mefenpyr-diethyl                                 | AOAC 2007.01        | O-TC-MET6251 |
| Mepanipyrim                                      | AOAC 2007.01        | O-TC-MET6251 |
| Mepronil                                         | AOAC 2007.01        | O-TC-MET6251 |

| <b><u>Analyte</u></b>                    | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|------------------------------------------|----------------------------|-------------------|
| Metaflumizone (Sum of E- and Z- isomers) | AOAC 2007.01               | O-TC-MET6251      |
| Metalaxyl and Metalaxyl-M (Sum)          | AOAC 2007.01               | O-TC-MET6251      |
| Metamitron                               | AOAC 2007.01               | O-TC-MET6251      |
| Metazachlor                              | AOAC 2007.01               | O-TC-MET6251      |
| Metazachlor                              | AOAC 2007.01               | O-TC-MET6251      |
| Methabenzthiazuron                       | AOAC 2007.01               | O-TC-MET6251      |
| Methabenzthiazuron                       | AOAC 2007.01               | O-TC-MET6251      |
| Methacriphos                             | AOAC 2007.01               | O-TC-MET6251      |
| Methacriphos                             | AOAC 2007.01               | O-TC-MET6251      |
| Methamidophos                            | AOAC 2007.01               | O-TC-MET6251      |
| Methamidophos                            | AOAC 2007.01               | O-TC-MET6251      |
| Methidathion                             | AOAC 2007.01               | O-TC-MET6251      |
| Methidathion                             | AOAC 2007.01               | O-TC-MET6251      |
| Methiocarb                               | AOAC 2007.01               | O-TC-MET6251      |
| Methiocarb                               | AOAC 2007.01               | O-TC-MET6251      |
| Methiocarb Sulfoxide                     | AOAC 2007.01               | O-TC-MET6251      |
| Methiocarb Sulfoxide                     | AOAC 2007.01               | O-TC-MET6251      |
| Methiocarb-sulfone                       | AOAC 2007.01               | O-TC-MET6251      |
| Methiocarb-sulfone                       | AOAC 2007.01               | O-TC-MET6251      |
| Methomyl                                 | AOAC 2007.01               | O-TC-MET6251      |
| Methoprotrothryn                         | AOAC 2007.01               | O-TC-MET6251      |
| Methoxychlor, o,o'                       | AOAC 2007.01               | O-TC-MET6251      |
| Methoxychlor, p,p'                       | AOAC 2007.01               | O-TC-MET6251      |
| Methoxyfenozide                          | AOAC 2007.01               | O-TC-MET6251      |
| Metolachlor                              | AOAC 2007.01               | O-TC-MET6251      |
| Metolcarb                                | AOAC 2007.01               | O-TC-MET6251      |
| Metoxuron                                | AOAC 2007.01               | O-TC-MET6251      |
| Metribuzin                               | AOAC 2007.01               | O-TC-MET6251      |
| Mevinphos                                | AOAC 2007.01               | O-TC-MET6251      |
| Mexacarbate                              | AOAC 2007.01               | O-TC-MET6251      |
| MGK-264                                  | AOAC 2007.01               | O-TC-MET6251      |
| Mirex                                    | AOAC 2007.01               | O-TC-MET6251      |
| Molinate                                 | AOAC 2007.01               | O-TC-MET6251      |
| Monocrotophos                            | AOAC 2007.01               | O-TC-MET6251      |
| Monolinuron                              | AOAC 2007.01               | O-TC-MET6251      |
| Myclobutanil                             | AOAC 2007.01               | O-TC-MET6251      |
| Naled                                    | AOAC 2007.01               | O-TC-MET6251      |
| Naphthalene Acetamide                    | AOAC 2007.01               | O-TC-MET6251      |
| Naproanilide                             | AOAC 2007.01               | O-TC-MET6251      |
| Napropamide                              | AOAC 2007.01               | O-TC-MET6251      |
| Neburon                                  | AOAC 2007.01               | O-TC-MET6251      |
| Nitenpyram                               | AOAC 2007.01               | O-TC-MET6251      |
| Nitralin                                 | AOAC 2007.01               | O-TC-MET6251      |
| Nitrapyrin                               | AOAC 2007.01               | O-TC-MET6251      |
| Nitrofen                                 | AOAC 2007.01               | O-TC-MET6251      |
| Nitrothal-isopropyl                      | AOAC 2007.01               | O-TC-MET6251      |
| Nonachlor, cis-                          | AOAC 2007.01               | O-TC-MET6251      |

| <b><u>Analyte</u></b>          | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|--------------------------------|----------------------------|-------------------|
| Nonachlor, trans-              | AOAC 2007.01               | O-TC-MET6251      |
| Norea                          | AOAC 2007.01               | O-TC-MET6251      |
| Norflurazon                    | AOAC 2007.01               | O-TC-MET6251      |
| Novaluron                      | AOAC 2007.01               | O-TC-MET6251      |
| Nuarimol                       | AOAC 2007.01               | O-TC-MET6251      |
| Ofurace                        | AOAC 2007.01               | O-TC-MET6251      |
| Omethoate                      | AOAC 2007.01               | O-TC-MET6251      |
| o-Phenylphenol                 | AOAC 2007.01               | O-TC-MET6251      |
| Oxadiazon                      | AOAC 2007.01               | O-TC-MET6251      |
| Oxadixyl                       | AOAC 2007.01               | O-TC-MET6251      |
| Oxamyl                         | AOAC 2007.01               | O-TC-MET6251      |
| Oxydemeton-methyl              | AOAC 2007.01               | O-TC-MET6251      |
| Oxyfluorfen                    | AOAC 2007.01               | O-TC-MET6251      |
| Paclobutrazol                  | AOAC 2007.01               | O-TC-MET6251      |
| Parathion                      | AOAC 2007.01               | O-TC-MET6251      |
| Parathion Oxygen Analog        | AOAC 2007.01               | O-TC-MET6251      |
| Parathion-methyl               | AOAC 2007.01               | O-TC-MET6251      |
| Parathion-methyl Oxygen Analog | AOAC 2007.01               | O-TC-MET6251      |
| PCB 101                        | AOAC 2007.01               | O-TC-MET6251      |
| PCB 138                        | AOAC 2007.01               | O-TC-MET6251      |
| PCB 153                        | AOAC 2007.01               | O-TC-MET6251      |
| PCB 180                        | AOAC 2007.01               | O-TC-MET6251      |
| PCB 28                         | AOAC 2007.01               | O-TC-MET6251      |
| PCB 52                         | AOAC 2007.01               | O-TC-MET6251      |
| Pebulate                       | AOAC 2007.01               | O-TC-MET6251      |
| Penconazole                    | AOAC 2007.01               | O-TC-MET6251      |
| Pencycuron                     | AOAC 2007.01               | O-TC-MET6251      |
| Pendimethalin                  | AOAC 2007.01               | O-TC-MET6251      |
| Penflufen                      | AOAC 2007.01               | O-TC-MET6251      |
| Pentachloranisole              | AOAC 2007.01               | O-TC-MET6251      |
| Pentachloroaniline             | AOAC 2007.01               | O-TC-MET6251      |
| Pentachlorobenzene             | AOAC 2007.01               | O-TC-MET6251      |
| Pentachlorobenzonitrile        | AOAC 2007.01               | O-TC-MET6251      |
| Pentachlorothioanisole         | AOAC 2007.01               | O-TC-MET6251      |
| Penthiopyrad                   | AOAC 2007.01               | O-TC-MET6251      |
| Permethrin                     | AOAC 2007.01               | O-TC-MET6251      |
| Perthane                       | AOAC 2007.01               | O-TC-MET6251      |
| Phenkapton                     | AOAC 2007.01               | O-TC-MET6251      |
| Phenmedipham                   | AOAC 2007.01               | O-TC-MET6251      |
| Phenothrin                     | AOAC 2007.01               | O-TC-MET6251      |
| Phenthoate                     | AOAC 2007.01               | O-TC-MET6251      |
| Phorate                        | AOAC 2007.01               | O-TC-MET6251      |
| Phorate-O-analogue             | AOAC 2007.01               | O-TC-MET6251      |
| Phorate-sulfone                | AOAC 2007.01               | O-TC-MET6251      |
| Phorate-sulfoxide              | AOAC 2007.01               | O-TC-MET6251      |
| Phosalone                      | AOAC 2007.01               | O-TC-MET6251      |
| Phosmet                        | AOAC 2007.01               | O-TC-MET6251      |
| Phosphamidon                   | AOAC 2007.01               | O-TC-MET6251      |

| <b>Analyte</b>                                      | <b>Reference(s)</b> | <b>SOP</b>   |
|-----------------------------------------------------|---------------------|--------------|
| Picolinafen                                         | AOAC 2007.01        | O-TC-MET6251 |
| Picoxystrobin                                       | AOAC 2007.01        | O-TC-MET6251 |
| Piperonyl Butoxide (PBO)                            | AOAC 2007.01        | O-TC-MET6251 |
| Piperophos                                          | AOAC 2007.01        | O-TC-MET6251 |
| Pirimicarb                                          | AOAC 2007.01        | O-TC-MET6251 |
| Pirimicarb, desmethyl-                              | AOAC 2007.01        | O-TC-MET6251 |
| Pirimicarb, desmethyl-formamido-                    | AOAC 2007.01        | O-TC-MET6251 |
| Pirimiphos-ethyl                                    | AOAC 2007.01        | O-TC-MET6251 |
| Pirimiphos-methyl                                   | AOAC 2007.01        | O-TC-MET6251 |
| Prallethrin                                         | AOAC 2007.01        | O-TC-MET6251 |
| Prochloraz                                          | AOAC 2007.01        | O-TC-MET6251 |
| Procymidone                                         | AOAC 2007.01        | O-TC-MET6251 |
| Profenofos                                          | AOAC 2007.01        | O-TC-MET6251 |
| Profluralin                                         | AOAC 2007.01        | O-TC-MET6251 |
| Profoxydim                                          | AOAC 2007.01        | O-TC-MET6251 |
| Promecarb                                           | AOAC 2007.01        | O-TC-MET6251 |
| Prometon                                            | AOAC 2007.01        | O-TC-MET6251 |
| Prometryn                                           | AOAC 2007.01        | O-TC-MET6251 |
| Propachlor                                          | AOAC 2007.01        | O-TC-MET6251 |
| Propamocarb (Sum of Propamocarb and its salts, exp) | AOAC 2007.01        | O-TC-MET6251 |
| Propanil                                            | AOAC 2007.01        | O-TC-MET6251 |
| Propaquizafop                                       | AOAC 2007.01        | O-TC-MET6251 |
| Propargite                                          | AOAC 2007.01        | O-TC-MET6251 |
| Propazine                                           | AOAC 2007.01        | O-TC-MET6251 |
| Propetamphos                                        | AOAC 2007.01        | O-TC-MET6251 |
| Propham                                             | AOAC 2007.01        | O-TC-MET6251 |
| Propiconazole (Sum of isomers)                      | AOAC 2007.01        | O-TC-MET6251 |
| Propisochlor                                        | AOAC 2007.01        | O-TC-MET6251 |
| Propoxur                                            | AOAC 2007.01        | O-TC-MET6251 |
| Propyzamide                                         | AOAC 2007.01        | O-TC-MET6251 |
| Proquinazid                                         | AOAC 2007.01        | O-TC-MET6251 |
| Prosulfocarb                                        | AOAC 2007.01        | O-TC-MET6251 |
| Prothioconazole                                     | AOAC 2007.01        | O-TC-MET6251 |
| Prothiofos                                          | AOAC 2007.01        | O-TC-MET6251 |
| Pymetrozine                                         | AOAC 2007.01        | O-TC-MET6251 |
| Pyraclostrobin                                      | AOAC 2007.01        | O-TC-MET6251 |
| Pyraflufen-ethyl                                    | AOAC 2007.01        | O-TC-MET6251 |
| Pyrazophos                                          | AOAC 2007.01        | O-TC-MET6251 |
| Pyridaben                                           | AOAC 2007.01        | O-TC-MET6251 |
| Pyridalyl                                           | AOAC 2007.01        | O-TC-MET6251 |
| Pyridaphenthion                                     | AOAC 2007.01        | O-TC-MET6251 |
| Pyridate                                            | AOAC 2007.01        | O-TC-MET6251 |
| Pyrifenoxy                                          | AOAC 2007.01        | O-TC-MET6251 |
| Pyrimethanil                                        | AOAC 2007.01        | O-TC-MET6251 |
| Pyriproxyfen                                        | AOAC 2007.01        | O-TC-MET6251 |



| <b><u>Analyte</u></b>             | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------------------|----------------------------|-------------------|
| Quinalphos                        | AOAC 2007.01               | O-TC-MET6251      |
| Quinomethionate<br>(Morestan)     | AOAC 2007.01               | O-TC-MET6251      |
| Quinoxifen                        | AOAC 2007.01               | O-TC-MET6251      |
| Quintozene                        | AOAC 2007.01               | O-TC-MET6251      |
| Quizalofop-P-ethyl                | AOAC 2007.01               | O-TC-MET6251      |
| Resmethrin                        | AOAC 2007.01               | O-TC-MET6251      |
| Rimsulfuron                       | AOAC 2007.01               | O-TC-MET6251      |
| Rotenone                          | AOAC 2007.01               | O-TC-MET6251      |
| S 421<br>(Octachlordipropylether) | AOAC 2007.01               | O-TC-MET6251      |
| Secbumeton                        | AOAC 2007.01               | O-TC-MET6251      |
| Sethoxydim                        | AOAC 2007.01               | O-TC-MET6251      |
| Silaneophan                       | AOAC 2007.01               | O-TC-MET6251      |
| Silthiofam                        | AOAC 2007.01               | O-TC-MET6251      |
| Simazine                          | AOAC 2007.01               | O-TC-MET6251      |
| Simetryn                          | AOAC 2007.01               | O-TC-MET6251      |
| Spinetoram                        | AOAC 2007.01               | O-TC-MET6251      |
| Spinosad                          | AOAC 2007.01               | O-TC-MET6251      |
| Spirodiclofen                     | AOAC 2007.01               | O-TC-MET6251      |
| Spiromesifen                      | AOAC 2007.01               | O-TC-MET6251      |
| Spirotetramat                     | AOAC 2007.01               | O-TC-MET6251      |
| Spiroxamine                       | AOAC 2007.01               | O-TC-MET6251      |
| Sulfentrazone                     | AOAC 2007.01               | O-TC-MET6251      |
| Sulfotep                          | AOAC 2007.01               | O-TC-MET6251      |
| Sulfoxaflor                       | AOAC 2007.01               | O-TC-MET6251      |
| Sulprofos                         | AOAC 2007.01               | O-TC-MET6251      |
| Tebuconazole                      | AOAC 2007.01               | O-TC-MET6251      |
| Tebufozide                        | AOAC 2007.01               | O-TC-MET6251      |
| Tebufenpyrad                      | AOAC 2007.01               | O-TC-MET6251      |
| Tebupirimfos                      | AOAC 2007.01               | O-TC-MET6251      |
| Tebuthiuron                       | AOAC 2007.01               | O-TC-MET6251      |
| Tecnazene                         | AOAC 2007.01               | O-TC-MET6251      |
| Teflubenzuron                     | AOAC 2007.01               | O-TC-MET6251      |
| Tefluthrin                        | AOAC 2007.01               | O-TC-MET6251      |
| Tepraloxymid                      | AOAC 2007.01               | O-TC-MET6251      |
| Terbacil                          | AOAC 2007.01               | O-TC-MET6251      |
| Terbufos                          | AOAC 2007.01               | O-TC-MET6251      |
| Terbumeton                        | AOAC 2007.01               | O-TC-MET6251      |
| Terbutylazine                     | AOAC 2007.01               | O-TC-MET6251      |
| Terbutryn                         | AOAC 2007.01               | O-TC-MET6251      |
| Tetrachlorvinphos                 | AOAC 2007.01               | O-TC-MET6251      |
| Tetraconazole                     | AOAC 2007.01               | O-TC-MET6251      |
| Tetradifon                        | AOAC 2007.01               | O-TC-MET6251      |
| Tetrahydrophthalimide<br>(THPI)   | AOAC 2007.01               | O-TC-MET6251      |
| Tetramethrin                      | AOAC 2007.01               | O-TC-MET6251      |
| Tetrasul                          | AOAC 2007.01               | O-TC-MET6251      |
| Thiabendazole                     | AOAC 2007.01               | O-TC-MET6251      |

| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|-----------------------|----------------------------|-------------------|
| Thiacloprid           | AOAC 2007.01               | O-TC-MET6251      |
| Thiamethoxam          | AOAC 2007.01               | O-TC-MET6251      |
| Thiobencarb           | AOAC 2007.01               | O-TC-MET6251      |
| Thiodicarb            | AOAC 2007.01               | O-TC-MET6251      |
| Thiofanox-sulfoxide   | AOAC 2007.01               | O-TC-MET6251      |
| Thiometon             | AOAC 2007.01               | O-TC-MET6251      |
| Thionazin             | AOAC 2007.01               | O-TC-MET6251      |
| Thiophanate-methyl    | AOAC 2007.01               | O-TC-MET6251      |
| Tolclofos-methyl      | AOAC 2007.01               | O-TC-MET6251      |
| Tolfenpyrad           | AOAC 2007.01               | O-TC-MET6251      |
| Tolylfluanid          | AOAC 2007.01               | O-TC-MET6251      |
| Tralkoxydim           | AOAC 2007.01               | O-TC-MET6251      |
| Tralomethrin          | AOAC 2007.01               | O-TC-MET6251      |
| Transfluthrin         | AOAC 2007.01               | O-TC-MET6251      |
| Triadimefon           | AOAC 2007.01               | O-TC-MET6251      |
| Triadimenol           | AOAC 2007.01               | O-TC-MET6251      |
| Triallate             | AOAC 2007.01               | O-TC-MET6251      |
| Triazamate            | AOAC 2007.01               | O-TC-MET6251      |
| Triazophos            | AOAC 2007.01               | O-TC-MET6251      |
| Tribufos              | AOAC 2007.01               | O-TC-MET6251      |
| Trichlorfon           | AOAC 2007.01               | O-TC-MET6251      |
| Trichloronate         | AOAC 2007.01               | O-TC-MET6251      |
| Tricyclazole          | AOAC 2007.01               | O-TC-MET6251      |
| Tridemorph            | AOAC 2007.01               | O-TC-MET6251      |
| Tridemorph            | AOAC 2007.01               | O-TC-MET6251      |
| Trifloxystrobin       | AOAC 2007.01               | O-TC-MET6251      |
| Trifloxystrobin       | AOAC 2007.01               | O-TC-MET6251      |
| Triflumizole          | AOAC 2007.01               | O-TC-MET6251      |
| Triflumizole          | AOAC 2007.01               | O-TC-MET6251      |
| Triflumuron           | AOAC 2007.01               | O-TC-MET6251      |
| Trifluralin           | AOAC 2007.01               | O-TC-MET6251      |
| Triforine             | AOAC 2007.01               | O-TC-MET6251      |
| Trimethacarb 2,3,5-   | AOAC 2007.01               | O-TC-MET6251      |
| Trimethacarb, 3,4,5-  | AOAC 2007.01               | O-TC-MET6251      |
| Triticonazole         | AOAC 2007.01               | O-TC-MET6251      |
| Uniconazole           | AOAC 2007.01               | O-TC-MET6251      |
| Vinclozolin           | AOAC 2007.01               | O-TC-MET6251      |

**Table 20**  
**Pesticides - <USP 561/565>**

| <b><u>Analyte</u></b>        | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|------------------------------|----------------------------|-------------------|
| Acephate                     | USP 561, USP 565           | O-TC-MET31260     |
| Alachlor                     | USP 561, USP 565           | O-TC-MET31260     |
| Aldrin                       | USP 561, USP 565           | O-TC-MET31260     |
| Aldrin and Dieldrin<br>(Sum) | USP 561, USP 565           | O-TC-MET31260     |
| Azinphos-ethyl               | USP 561, USP 565           | O-TC-MET31260     |
| Azinphos-methyl              | USP 561, USP 565           | O-TC-MET31260     |
| Bromophos-ethyl              | USP 561, USP 565           | O-TC-MET31260     |

| <b><u>Analyte</u></b>      | <b><u>Reference(s)</u></b> | <b><u>SOP</u></b> |
|----------------------------|----------------------------|-------------------|
| Bromophos-methyl           | USP 561, USP 565           | O-TC-MET31260     |
| Bromopropylate             | USP 561, USP 565           | O-TC-MET31260     |
| Chlordane (Sum)            | USP 561, USP 565           | O-TC-MET31260     |
| Chlordane, cis-            | USP 561, USP 565           | O-TC-MET31260     |
| Chlordane, trans-          | USP 561, USP 565           | O-TC-MET31260     |
| Chlorfenvinphos            | USP 561, USP 565           | O-TC-MET31260     |
| Chlorpyrifos               | USP 561, USP 565           | O-TC-MET31260     |
| Chlorpyrifos-methyl        | USP 561, USP 565           | O-TC-MET31260     |
| Chlorthal-dimethyl         | USP 561, USP 565           | O-TC-MET31260     |
| Cyfluthrin I-IV            | USP 561, USP 565           | O-TC-MET31260     |
| Cyhalothrin, lambda-       | USP 561, USP 565           | O-TC-MET31260     |
| Cypermethrin I-IV          | USP 561, USP 565           | O-TC-MET31260     |
| DDD, o,p'-                 | USP 561, USP 565           | O-TC-MET31260     |
| DDD, p,p'-                 | USP 561, USP 565           | O-TC-MET31260     |
| DDE, o,p'-                 | USP 561, USP 565           | O-TC-MET31260     |
| DDE, p,p'-                 | USP 561, USP 565           | O-TC-MET31260     |
| DDT (sum)                  | USP 561, USP 565           | O-TC-MET31260     |
| DDT, o,p'-                 | USP 561, USP 565           | O-TC-MET31260     |
| DDT, p,p'-                 | USP 561, USP 565           | O-TC-MET31260     |
| Deltamethrin               | USP 561, USP 565           | O-TC-MET31260     |
| Diazinon                   | USP 561, USP 565           | O-TC-MET31260     |
| Dichlofluanid              | USP 561, USP 565           | O-TC-MET31260     |
| Dichlorvos                 | USP 561, USP 565           | O-TC-MET31260     |
| Dicofol, o,p' & p,p'-      | USP 561, USP 565           | O-TC-MET31260     |
| Dieldrin                   | USP 561, USP 565           | O-TC-MET31260     |
| Dimethoate                 | USP 561, USP 565           | O-TC-MET31260     |
| Endosulfan (Sum)           | USP 561, USP 565           | O-TC-MET31260     |
| Endosulfan I               | USP 561, USP 565           | O-TC-MET31260     |
| Endosulfan II              | USP 561, USP 565           | O-TC-MET31260     |
| Endosulfan sulfate         | USP 561, USP 565           | O-TC-MET31260     |
| Endrin                     | USP 561, USP 565           | O-TC-MET31260     |
| Ethion                     | USP 561, USP 565           | O-TC-MET31260     |
| Etrimfos                   | USP 561, USP 565           | O-TC-MET31260     |
| Fenchlorophos (Sum)        | USP 561, USP 565           | O-TC-MET31260     |
| Fenchlorphos               | USP 561, USP 565           | O-TC-MET31260     |
| Fenchlorphos oxon          | USP 561, USP 565           | O-TC-MET31260     |
| Fenitrothion               | USP 561, USP 565           | O-TC-MET31260     |
| Fenpropathrin              | USP 561, USP 565           | O-TC-MET31260     |
| Fensulfothion              | USP 561, USP 565           | O-TC-MET31260     |
| Fensulfothion (Sum)        | USP 561, USP 565           | O-TC-MET31260     |
| Fensulfothion-oxon         | USP 561, USP 565           | O-TC-MET31260     |
| Fensulfothion-oxon-sulfone | USP 561, USP 565           | O-TC-MET31260     |
| Fensulfothion-sulfone      | USP 561, USP 565           | O-TC-MET31260     |
| Fenthion-sulfoxide         | USP 561, USP 565           | O-TC-MET31260     |
| Fenvalerate I&II           | USP 561, USP 565           | O-TC-MET31260     |
| Flucythrinate I&II         | USP 561, USP 565           | O-TC-MET31260     |
| Fluvalinate, tau- I&II     | USP 561, USP 565           | O-TC-MET31260     |
| Fonofos                    | USP 561, USP 565           | O-TC-MET31260     |
| HCH, alpha-                | USP 561, USP 565           | O-TC-MET31260     |

| <b>Analyte</b>                                   | <b>Reference(s)</b> | <b>SOP</b>    |
|--------------------------------------------------|---------------------|---------------|
| HCH, beta-                                       | USP 561, USP 565    | O-TC-MET31260 |
| HCH, delta-                                      | USP 561, USP 565    | O-TC-MET31260 |
| Heptachlor                                       | USP 561, USP 565    | O-TC-MET31260 |
| Heptachlor (Sum)                                 | USP 561, USP 565    | O-TC-MET31260 |
| Heptachlor Endo Epoxide                          | USP 561, USP 565    | O-TC-MET31260 |
| Heptachlor Exo Epoxide                           | USP 561, USP 565    | O-TC-MET31260 |
| Hexachlorobenzene (HCB)                          | USP 561, USP 565    | O-TC-MET31260 |
| Hexachlorocyclohexane Isomers (other than gamma) | USP 561, USP 565    | O-TC-MET31260 |
| Jasmolin I                                       | USP 561, USP 565    | O-TC-MET31260 |
| Jasmolin II                                      | USP 561, USP 565    | O-TC-MET31260 |
| Lindane (gamma-HCH)                              | USP 561, USP 565    | O-TC-MET31260 |
| Malaoxon                                         | USP 561, USP 565    | O-TC-MET31260 |
| Malathion                                        | USP 561, USP 565    | O-TC-MET31260 |
| Malathion and Malaoxon (Sum)                     | USP 561, USP 565    | O-TC-MET31260 |
| Mecarbam                                         | USP 561, USP 565    | O-TC-MET31260 |
| Methacrifos                                      | USP 561, USP 565    | O-TC-MET31260 |
| Methamidophos                                    | USP 561, USP 565    | O-TC-MET31260 |
| Methidathion                                     | USP 561, USP 565    | O-TC-MET31260 |
| Methoxychlor                                     | USP 561, USP 565    | O-TC-MET31260 |
| Methyl Parathion                                 | USP 561, USP 565    | O-TC-MET31260 |
| Mirex                                            | USP 561, USP 565    | O-TC-MET31260 |
| Monocrotophos                                    | USP 561, USP 565    | O-TC-MET31260 |
| Omethoate                                        | USP 561, USP 565    | O-TC-MET31260 |
| Oxychlordane                                     | USP 561, USP 565    | O-TC-MET31260 |
| Paraoxon                                         | USP 561, USP 565    | O-TC-MET31260 |
| Paraoxon-methyl                                  | USP 561, USP 565    | O-TC-MET31260 |
| Parathion                                        | USP 561, USP 565    | O-TC-MET31260 |
| Parathion-ethyl and paraoxon-ethyl (Sum)         | USP 561, USP 565    | O-TC-MET31260 |
| Parathion-methyl and paraoxon-methyl (Sum)       | USP 561, USP 565    | O-TC-MET31260 |
| Pendimethalin                                    | USP 561, USP 565    | O-TC-MET31260 |
| Pentachloranisole                                | USP 561, USP 565    | O-TC-MET31260 |
| Pentachloroaniline                               | USP 561, USP 565    | O-TC-MET31260 |
| Pentachlorothioanisole                           | USP 561, USP 565    | O-TC-MET31260 |
| Permethrin (Sum of isomers)                      | USP 561, USP 565    | O-TC-MET31260 |
| Permethrin, cis-                                 | USP 561, USP 565    | O-TC-MET31260 |
| Phosalone                                        | USP 561, USP 565    | O-TC-MET31260 |
| Phosmet                                          | USP 561, USP 565    | O-TC-MET31260 |
| Piperonyl butoxide                               | USP 561, USP 565    | O-TC-MET31260 |
| Pirimiphos-ethyl                                 | USP 561, USP 565    | O-TC-MET31260 |
| Pirimiphos-methyl                                | USP 561, USP 565    | O-TC-MET31260 |
| Pirimiphos-methyl (Sum)                          | USP 561, USP 565    | O-TC-MET31260 |
| Pirimiphos-methyl,N-desethyl                     | USP 561, USP 565    | O-TC-MET31260 |

| <u>Analyte</u>            | <u>Reference(s)</u> | <u>SOP</u>    |
|---------------------------|---------------------|---------------|
| Procymidone               | USP 561, USP 565    | O-TC-MET31260 |
| Profenofos                | USP 561, USP 565    | O-TC-MET31260 |
| Prothiofos                | USP 561, USP 565    | O-TC-MET31260 |
| Pyrethrum (Total isomers) | USP 561, USP 565    | O-TC-MET31260 |
| Pyrethrum Cinerin I       | USP 561, USP 565    | O-TC-MET31260 |
| Pyrethrum Cinerin II      | USP 561, USP 565    | O-TC-MET31260 |
| Pyrethrum Pyrethrin I     | USP 561, USP 565    | O-TC-MET31260 |
| Pyrethrum Pyrethrin II    | USP 561, USP 565    | O-TC-MET31260 |
| Quinalphos                | USP 561, USP 565    | O-TC-MET31260 |
| Quintozene                | USP 561, USP 565    | O-TC-MET31260 |
| Quintozene (Sum)          | USP 561, USP 565    | O-TC-MET31260 |
| S 421                     | USP 561, USP 565    | O-TC-MET31260 |
| Tecnazene                 | USP 561, USP 565    | O-TC-MET31260 |
| Tetradifon                | USP 561, USP 565    | O-TC-MET31260 |
| Trans-Permethrin          | USP 561, USP 565    | O-TC-MET31260 |
| Vinclozolin               | USP 561, USP 565    | O-TC-MET31260 |

**Table 21**  
**Pesticides in Animal Fat**

| <u>Analyte</u>      | <u>Reference(s)</u> | <u>SOP</u>    |
|---------------------|---------------------|---------------|
| Aldrin              | N/A                 | O-TC-MET18980 |
| BHC Total           | N/A                 | O-TC-MET18980 |
| Chlordane           | N/A                 | O-TC-MET18980 |
| DDE                 | N/A                 | O-TC-MET18980 |
| DDT                 | N/A                 | O-TC-MET18980 |
| Dieldrin            | N/A                 | O-TC-MET18980 |
| Endosulfan (Sum of) | N/A                 | O-TC-MET18980 |
| Endrin              | N/A                 | O-TC-MET18980 |
| gamma-HCH (Lindane) | N/A                 | O-TC-MET18980 |
| HCB                 | N/A                 | O-TC-MET18980 |
| Heptachlor          | N/A                 | O-TC-MET18980 |
| Heptachlor epoxide  | N/A                 | O-TC-MET18980 |
| Methoxychlor        | N/A                 | O-TC-MET18980 |
| Mirex               | N/A                 | O-TC-MET18980 |
| TDE                 | N/A                 | O-TC-MET18980 |
| Total PCB           | N/A                 | O-TC-MET18980 |
| Toxaphene           | N/A                 | O-TC-MET18980 |

**Table 22**  
**Biogenic Amines**

| <u>Analyte</u> | <u>Reference(s)</u> | <u>SOP</u>    |
|----------------|---------------------|---------------|
| Cadaverine     | ISO 19343 (2017)    | O-TC-MET24410 |
| Histamine      | ISO 19343 (2017)    | O-TC-MET24410 |
| Putrescine     | ISO 19343 (2017)    | O-TC-MET24410 |
| Spermidine     | ISO 19343 (2017)    | O-TC-MET24410 |
| Spermine       | ISO 19343 (2017)    | O-TC-MET24410 |
| Tyramine       | ISO 19343 (2017)    | O-TC-MET24410 |

**Table 23**  
**Ethylene Oxide Residues**

| <u>Analyte</u>        | <u>Reference(s)</u>                   | <u>SOP</u>    |
|-----------------------|---------------------------------------|---------------|
| Ethylene Oxide (ETO)  | J. Food Comp. Anal. (19), 2006, 83-87 | O-TC-MET47380 |
| 2-Chloroethanol (ECH) | J. Food Comp. Anal. (19), 2006, 83-87 | O-TC-MET47380 |

**Table 24**  
**MCPD and Glycidyl Esters**

| <u>Analyte</u>                | <u>Reference(s)</u> | <u>SOP</u>   |
|-------------------------------|---------------------|--------------|
| Glycidol                      | AOCS Cd29b-13       | O-TC-MET9767 |
| Total 2-MCPD (Free and Bound) | AOCS Cd29b-13       | O-TC-MET9767 |
| Total 3-MCPD (Free and Bound) | AOCS Cd29b-13       | O-TC-MET9767 |

**Table 25**  
**Ethylene Oxide Residues**

| <u>Analyte</u>        | <u>Reference(s)</u>                   | <u>SOP</u>    |
|-----------------------|---------------------------------------|---------------|
| Ethylene Oxide (ETO)  | J. Food Comp. Anal. (19), 2006, 83-87 | O-TC-MET47380 |
| 2-Chloroethanol (ECH) | Internal Method                       | O-TC-MET47380 |

**Table 26**  
**Polyaromatic Hydrocarbons**

| <u>Analyte</u>       | <u>Reference(s)</u>                | <u>SOP</u>   |
|----------------------|------------------------------------|--------------|
| Benzo(a)anthracene   | Sigma Aldrich, Reporter, 33.4, 22. | O-TC-MET9707 |
| Benzo(a)pyrene       | Sigma Aldrich, Reporter, 33.4, 22. | O-TC-MET9707 |
| Benzo(b)fluoranthene | Sigma Aldrich, Reporter, 33.4, 22. | O-TC-MET9707 |
| Chrysene             | Sigma Aldrich, Reporter, 33.4, 22. | O-TC-MET9707 |
| Sum of PAHs          | Sigma Aldrich, Reporter, 33.4, 22. | O-TC-MET9707 |

**Table 27**  
**Quaternary Ammonium Compounds**

| <u>Analyte</u>        | <u>Reference(s)</u>                   | <u>SOP</u>   |
|-----------------------|---------------------------------------|--------------|
| BAC C10               | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| BAC C12               | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| BAC C14               | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| BAC C16               | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| BAC C18               | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| BAC C8                | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| BAC Sum               | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| Benzethonium Chloride | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| DDAC C10              | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| DDAC C12              | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |
| DDAC Sum              | EURL, "Quaternary Ammonia Coumpounds" | O-TC-MET6325 |

**Table 28**  
**SUDAN I-IV Dyes**

| <u>Analyte</u> | <u>Reference(s)</u>                     | <u>SOP</u>   |
|----------------|-----------------------------------------|--------------|
| Auramine O     | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292 |
| Bixin          | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292 |
| Butter Yellow  | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292 |



| <b><u>Analyte</u></b> | <b><u>Reference(s)</u></b>              | <b><u>SOP</u></b> |
|-----------------------|-----------------------------------------|-------------------|
| Fast Garnet GBC       | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Metanil Yellow        | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Oil Orange SS         | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Orange II             | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Para Red              | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| p-Nitroaniline        | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Rhodamine B           | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan Black B         | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan I               | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan II              | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan III             | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan IV              | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan Orange G        | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan Red 7B          | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan Red B           | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Sudan Red G           | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |
| Toluidine Red         | ASTA Analytical Methods 29.0, July 2006 | O-TC-MET6292      |



# Accredited Laboratory

A2LA has accredited

**EUROFINS ANALYTICAL LABORATORIES, INC. DBA  
EUROFINS CENTRAL ANALYTICAL LABORATORIES**

*New Orleans, LA*

for technical competence in the field of

**Chemical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA R204 – *Specific Requirements – Food and Pharmaceutical Testing Laboratory Accreditation Program* and A2LA R258 – *Specific Requirements – FDA Laboratory Accreditation for Analyses of Foods (LAAF) Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 27<sup>th</sup> day of June 2022.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services

For the Accreditation Council

Certificate Number 2993.01

Valid to May 31, 2024

Revised April 4, 2023

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*