



NATIONAL VETERINARY SERVICES
LABORATORIESUSDA-APHIS-VS-NVSL
DIAGNOSTIC BACTERIOLOGY AND PATHOLOGY
LABORATORYDIAGNOSTIC BIOANALYTICAL AND
REAGENT LABORATORY DIAGNOSTIC VIROLOGY
LABORATORY
1920 Dayton Avenue
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BIOLOGICAL

Valid to: June 30, 2025

Certificate Number: 2526.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform testing on animal sera, whole blood, plasma, tissues, fluids, and environmental samples:

Test Type/ Platform	Test Method(s)
Diagnostic Bacteriology and Pathology Laboratory – Bacterial Identification	
Agar Gel Immunodiffusion	
<i>Pasteurella multocida</i>	NVSL-SOP-0110
Agglutination	
Hemagglutination Inhibition <i>Avian Mycoplasma</i>	NVSL-SOP-0152
Microscopic Agglutination Test (MAT) <i>Leptospira</i>	NVSL-SOP-0112
Monotayl Latex AGG Test <i>Tylorella spp.</i>	NVSL-SOP-0180
Serogrouping and Serotyping <i>Salmonella</i>	NVSL-SOP-0095, NVSL-SOP-0096, NVSL-SOP-0175
Serum Plate Agglutination (SPA) <i>Avian Mycoplasma</i>	NVSL-SOP-0153
Slide Agglutination Test <i>Francisella tularensis</i>	NVSL-SOP-0222
Tube Agglutination Test <i>Salmonella</i>	NVSL-SOP-0090, NVSL-SOP-0091
Bacterial Isolation	
Agar Plates Blood Agar, CEM Selective Agar with Inhibitors Eugon Agar, Modified Timoney Shin Agar, <i>Tylorella spp</i>	NVSL-SOP-0180

Test Type/ Platform	Test Method(s)
Agar Plates BA, BA +/- Staph streak, BBE, BGN, Brucella Agar PRAS + VitK + hemin (OxyPRAS Plus), CCFA, Choc, Choc +/- Staph streak, Columbia, Columbia BA + metronidazole + Nalidixic acid + colistin, EYA, Mac, McClung-Taobe with EYA, Modified Oxford Plates, PALCAM Plate, PEA, PRSA BA, SBA, TSA-BA, TSA-SB, XLT-4 Various Bacterial Isolates	NVSL-SOP-0084, NVSL-SOP-0128, NVSL-SOP-0178
Agar Plates Ashdown's agar, BA, BHIA, BPSA, Mac, PC, Glycerol agar, Potato agar <i>Burkholderia mallei</i> and <i>pseudomallei</i>	NVSL-SOP-0219
Agar Plates BA, BGN, Mac, MSRV, XLT-4 <i>Salmonella</i>	NVSL-SOP-0173, NVSL-SOP-0193, NVSL-SOP-0194
Agar Plates BA, Mac, MYP, PEA, PLET, PLET-TMS <i>Bacillus anthracis</i>	NVSL-SOP-0215, NVSL-SOP-0216
Agar Plates BA, CIN, Mac, YSA <i>Yersinia enterocolitica</i>	NVSL-SOP-0197
Agar Plates BA, CHAB, CHAB-A, Mac <i>Francisella tularensis</i>	NVSL-SOP-0220
Agar Plates TSA with BA, MacConkey, Marine agar, Thiosulfate-citrate-bile-sucrose (TCBS) <i>Vibrio sp.</i>	NVSL-SOP-0182
Broth CMC, BHI, RV, Sensititre MHB-LHB, Sensititre TES- MHB, Thioglycollate, UVM Modified Listeria Enrichment Broth, VFM Various Bacterial Isolates	NVSL-SOP-0084, NVSL-SOP-0128, NVSL-SOP-0178
Broth PSBB <i>Yersinia enterocolitica</i>	NVSL-SOP-0197
Broth TSP <i>Bacillus anthracis</i>	NVSL-SOP-0215, NVSL-SOP-0216
Broth TSB, BHI <i>Burkholderia mallei</i> and <i>pseudomallei</i>	NVSL-SOP-0219
Biochemical Testing	
Catalase, Oxidase, OF Glucose Various bacterial isolates	NVSL-SOP-0149
Alkaline Phosphate Tube Test, Catalase, Oxidase Taylorella spp Various bacterial isolates	NVSL-SOP-0180 NVSL-SOP-0127

Test Type/ Platform	Test Method(s)
Motility Test <i>Bacillus anthracis</i>	NVSL-SOP-0217
Arginine decarboxylase, Catalase, Citrate, Growth at 42C, Oxidase, Maltose and Sucrose Utilization, Motility Test, Nitrate, Spot Indole, TSI <i>Burkholderia mallei and pseudomallei</i>	NVSL-SOP-0219
Urease, Oxidase, Catalase, β -lactamase <i>Francisella tularensis</i>	NVSL-SOP-0220
Dulcitol, Glucose, Jordan's tartrate, KCN broth, Lactose, LIA, Motility Test, MRVP, ONPG, Ornathine Decarboxylase, Salicin, Simmons Citrate, Sodium malonate broth, Sucrose, Trehalose fermentation, Tryptone Water, TSI, Urea <i>Salmonella</i>	NVSL-SOP-0095, NVSL-SOP-0096, NVSL-SOP-0149
Oxidase, catalase, motility, nitrate reduction <i>Vibrio sp.</i>	NVSL-SOP-0219
Fluorescent Antibody	
<i>Francisella tularensis</i>	NVSL-SOP-0221
<i>Taylorella spp.</i>	NVSL-SOP-0181
<i>Leptospira</i>	NVSL-SOP-0119
MALDI-Biotyper	
Various bacterial isolates <i>Salmonella</i> <i>Vibrio spp.</i> <i>Yersinia enterocolitica</i>	NVSL-SOP-0189
Microscopic Examination (staining)	
Gram Stain Various bacterial isolates <i>Bacillus anthracis</i> <i>Burkholderia mallei and pseudomallei</i> <i>Taylorella spp.</i> <i>Francisella tularensis</i>	NVSL-SOP-0147
M'Fadyean Stain, India Ink Stain, Polychrome Methylene Blue <i>Bacillus anthracis</i>	NVSL-SOP-0217
Real-time PCR	
<i>Taylorella spp.</i>	NVSL-SOP-0183
<i>Leptospira</i>	NVSL-SOP-0212
Sequencing	
16S rDNA Various bacterial isolates <i>Francisella tularensis</i> <i>Taylorella spp.</i> <i>Vibrio spp.</i>	NVSL-SOP-0203
Whole Genome Sequencing Nextera XT/vSNP <i>Taylorella spp.</i> <i>Yersinia enterocolitica</i>	NVSL-SOP-0726, NVSL-SOP-0736
Susceptibility	
Antibiotic Broth Microdilution Various bacterial isolates	NVSL-SOP-0084

Test Type/ Platform	Test Method(s)
Antimicrobial Colistin, Gentamycin, Polymyxin B <i>Burkholderia mallei and pseudomallei</i>	NVSL-SOP-0219
Antimicrobial Penicillin, String of Pearls, Gamma Phage <i>Bacillus anthracis</i>	NVSL-SOP-0217
Diagnostic Bacteriology and Pathology Laboratory – MB	
Bacterial Isolation	
Decontamination Methods (Sample Preparation)	
NALC	NVSL-SOP-0673
HPC	NVSL-SOP-0692, NVSL-SOP-0693
NaOH	NVSL-SOP-0696
Agar Plates Columbia agar, Ewalt Agar, Farrell Agar, Modified Thayer-Martin Agar with Furadantin or 2% ion agar, TS, TSA, TSAEV, <i>Brucella</i> spp.	NVSL-SOP-0660
Agar Plates 7H11G, 7H11P, HEY, Lowenstein-Jensen, MM7H10, Mycobactose L-J, Stonebrinks <i>Mycobacterium</i> spp.	NVSL-SOP-0691, NVSL-SOP-0708
Broth Trypticase soy broth <i>Brucella</i> spp.	NVSL-SOP-0660
Broth VersaTREK Liquid Culture <i>Mycobacterium</i> spp	NVSL-SOP-0690
MGIT Liquid Culture <i>Mycobacterium</i> spp.	NVSL-SOP-0710
Microscopic Examination (staining)	
Acid Fast Stain <i>Mycobacterium</i> spp.	NVSL-SOP-0679
Polymerase Chain Reaction (PCR)	
Conventional PCR	
<i>Brucella</i> spp.	NVSL-SOP-0668, NVSL-SOP-0670
Real-time (RT) PCR	
<i>Mycobacterium</i> spp. (<i>M. bovis</i> , MAP, MTBC)	NVSL-SOP-0697, NVSL-SOP-0730, NVSL-SOP-0731
Sequencing	
16s rDNA ITS, rpoB, hsp65 <i>Mycobacterium</i> spp.	NVSL-SOP-0682
Susceptibility Scrapie	NVSL-SOP-0725
Microsatellite Bovine Identity Testing	NVSL-SOP-0711
Microsatellite Ovine Identity Testing	NVSL-SOP-0727

Test Type/ Platform	Test Method(s)
Whole Genome Sequencing Nextera XT/vSNP TB complex <i>Brucella</i> spp. <i>Taylorella</i> spp. <i>Yersinia enterocolitica</i>	NVSL-SOP-0726, NVSL-SOP-0736
<u>Diagnostic Bacteriology and Pathology Laboratory – Pathology</u>	
Microscopic Examination	
Bovine Spongiform Encephalopathy	NVSL-SOP-0913
<i>Mycobacterium</i> spp.	NVSL-SOP-0921
CWD/Scrapie	NVSL-SOP-0878
ELISA	
Bovine Spongiform Encephalopathy	NVSL-SOP-0879
Chronic Wasting Disease	NVSL-SOP-0883
Histopathology Staining	
Auromine O and Acridine Orange Stain	NVSL-SOP-0901
Giemsa Stain	NVSL-SOP-0903
Gram Stain	NVSL-SOP-0897, NVSL-SOP-0881
Hematoxylin and Eosin Stain	NVSL-SOP-0900
Modified Ziehl-Neelson Stain	NVSL-SOP-0902
Periodic Acid-Schiff Stain	NVSL-SOP-0896
Toluidine Blue O Stain	NVSL-SOP-0889
Immunohistochemistry (IHC)	
Bovine Spongiform Encephalopathy	NVSL-SOP-0910
Scrapie Chronic Wasting Disease	NVSL-SOP-0878 , NVSL-WI-1060
PCR	
Conventional PCR	
<i>Mycobacterium</i> spp.	NVSL-SOP-0930
Western Blot	
TeSeE Bio-Rad Kit (BSE, CWD, Scrapie)	NVSL-SOP-0907
<u>Diagnostic Bioanalytical and Reagent Laboratory – PCAS</u>	
Agar Gel Immuno-double Diffusion (AGID)	
Species Verification	NVSL-SOP-0385
Western Blot	
Individual Animal Identification	NVSL-SOP-0389
Microscopic Examination	
Hemoparasites – Anaplasmosis Hemoparasites – Dourine Hemoparasites – Eperythrozoonosis Hemoparasites – Bovine Piroplasmosis Hemoparasites – Equine Piroplasmosis	NVSL-SOP-0822
Identification	

Test Type/ Platform	Test Method(s)
Ectoparasites – Fluke Ectoparasites – Larvae Ectoparasites – Lice Ectoparasites – Maggots Ectoparasites – Mange Ectoparasites – Mites Ectoparasites – Myiasis Ectoparasites – Scabies Ectoparasites – Screwworm Ectoparasites – Tapeworm	NVSL-SOP-0815, NVSL-SOP-0818 NVSL-SOP-0819
Diagnostic Bioanalytical and Reagent Laboratory – Serology	
Agar Gel Immunodiffusion	
Johne's <i>Mycobacterium avium</i> , subsp. <i>Paratuberculosis</i>	NVSL-SOP-1158
Equine Infectious Anemia	NVSL-SOP-1174
Agglutination	
Brucellosis <i>Brucella abortus/suis</i> (Tube)	NVSL-SOP-1132
Brucellosis <i>B. abortus/suis</i> (Plate)	NVSL-SOP-1129
Brucellosis <i>B. abortus/suis</i> (BAPA)	NVSL-SOP-1130
Brucellosis <i>B. abortus/suis</i> (Card)	NVSL-SOP-1140
Brucellosis <i>B. canis</i> (ME Tube)	NVSL-SOP-1137
Brucellosis <i>B. melitensis</i> (Card)	NVSL-SOP-1140
Equine paratyphoid <i>Salmonella abortus</i>	NVSL-SOP-1122
Complement Fixation Test	
Anaplasmosis <i>Anaplasma marginale</i>	NVSL-SOP-1123
Brucellosis <i>Brucella abortus/suis</i>	NVSL-SOP-1128
Contagious Equine Metritis <i>Taylorella equigenitalis</i>	NVSL-SOP-1152
Dourine <i>Trypanosoma equiperdum</i>	NVSL-SOP-1119
Glanders <i>Burkholderia mallei</i>	NVSL-SOP-1121
Johne's <i>Mycobacterium avium</i> subsp. <i>Paratuberculosis</i>	NVSL-SOP-1125
Piroplasmosis <i>Babesia caballi</i> & <i>Theileria equi</i>	NVSL-SOP-1116
Dual Path Platform (Lateral Flow)	
Tuberculosis <i>Mycobacterium bovis</i>	NVSL-SOP-1157
ELISA	

Test Type/ Platform	Test Method(s)
Anaplasmosis <i>Anaplasma marginale</i>	NVSL-SOP-1142
Brucellosis <i>Brucella abortus/melitensis</i>	NVSL-SOP-1136
Brucellosis <i>B. ovis</i>	NVSL-SOP-1148
Equine Piroplasmiasis <i>B. caballi</i> & <i>T. equi</i> (Kit)	NVSL-SOP-1145
Fluorescence Polarization Assay (FPA)	
<i>Brucella abortus/suis</i> (Tube)	NVSL-SOP-1144
Gamma Interferon Test	
Tuberculosis <i>Mycobacterium</i> TB Complex (Bovigam)	NVSL-SOP-1164
Indirect Fluorescent Antibody	
Piroplasmiasis <i>Babesia caballi</i> & <i>Theileria equi</i>	NVSL-SOP-1117
Western Blot	
Piroplasmiasis <i>Babesia caballi</i>	NVSL-SOP-1153
Diagnostic Virology Laboratory	
Agar Gel Immunodiffusion (AGID)	
Avian Influenza	NVSL-SOP-0045
Equine Infectious Anemia	NVSL-SOP-0562
Complement Fixation (CF)	
Vesicular Stomatitis	NVSL-SOP-0281
<i>Coxiella burnetti</i> (Q-Fever)	NVSL-SOP-0546
<i>Chlamydophila psittici</i>	NVSL-SOP-0563
Enzyme Linked Immunosorbent Assay (ELISA)	
Avian Metapneumovirus	NVSL-SOP-0024
Vesicular Stomatitis (C-ELISA)	NVSL-SOP-0296
Porcine Reproductive and Respiratory Syndrome (IDEXX) Comm Kit	NVSL-REF-0448
Pseudorabies Virus (gI ELISA) Commercial Kit	NVSL-SOP-0310, NVSL-REF-0446
Pseudorabies Virus (gB ELISA) Commercial Kit	NVSL-SOP-0310, NVSL-REF-0445
West Nile Virus (IgM ELISA)	NVSL-SOP-0553
Eastern Equine Encephalomyelitis (IgM ELISA)	NVSL-SOP-0554
Venezuelan Equine Encephalomyelitis (IgM ELISA)	NVSL-SOP-0555
Equine Infectious Anemia (IDEXX, C-ELISA) Commercial Kit	NVSL-SOP-0562, NVSL-REF-0596
Equine Infectious Anemia (Synbiotics, ViraCHEK) Commercial Kit	NVSL-SOP-0562, NVSL-REF-0597
Equine Infectious Anemia (Centaur, Fusion Protein II) Commercial Kit	NVSL-SOP-0562, NVSL-REF-0598
Equine Infectious Anemia (VMRD) Commercial Kit	NVSL-SOP-0562, NVSL-REF-0623
Bluetongue (VMRD) Commercial Kit	NVSL-REF-0612
Bovine Leukosis Virus (VMRD) Commercial Kit	NVSL-REF-0604
Caprine Arthritis-Encephalitis Virus (VMRD) Commercial Kit	NVSL-REF-0614

Test Type/ Platform	Test Method(s)
Coxiella burnetti (Q-Fever) (IDEXX)Commercial Kit	NVSL-REF-0618
Hemagglutination/Hemagglutination-Inhibition (HA/HI)	
Newcastle Disease (Virus Typing)	NVSL-SOP-0010
Newcastle Disease (Serology)	NVSL-SOP-0033
Avian Influenza (Serology)	NVSL-SOP-0036
Swine Influenza Virus	NVSL-SOP-0298
Hemagglutinating Encephalomyelitis Virus	NVSL-SOP-0299
Eastern, Western, Venezuelan Equine Encephalomyelitis	NVSL-SOP-0551
Western Equine Encephalomyelitis	NVSL-SOP-0551
Venezuelan Equine Encephalomyelitis	NVSL-SOP-0551
Equine Influenza	NVSL-SOP-0552
Indirect Fluorescent Assay (IFA)	
Avian Encephalomyelitis	NVSL-SOP-0026, NVSL-SOP-0050
Infectious Laryngotracheitis	NVSL-SOP-0026, NVSL-SOP-0050
Avian Metapneumovirus	NVSL-SOP-0026, NVSL-SOP-0050
Avian Pox	NVSL-SOP-0026, NVSL-SOP-0050
Avian Reovirus	NVSL-SOP-0026, NVSL-SOP-0050
Psittacine Herpesvirus	NVSL-SOP-0026, NVSL-SOP-0050
Bovine Coronavirus	NVSL-SOP-0318
Bovine Herpesvirus 4	NVSL-SOP-0318
Bovine Papular Stomatitis	NVSL-SOP-0318
Bovine Parvovirus	NVSL-SOP-0318
Bovine Rotavirus	NVSL-SOP-0318
Porcine Reovirus	NVSL-SOP-0318
Porcine Rotavirus	NVSL-SOP-0318
Pseudocowpox	NVSL-SOP-0318
Porcine Reproductive and Respiratory Syndrome	NVSL-SOP-0302
Porcine Sapelovirus (Enterovirus A)	NVSL-SOP-0321
Porcine Teschovirus	NVSL-SOP-0321
Immunoperoxidase Test (IPT) / Peroxidase Linked Assay (PLA)	
Malignant Catarrhal Fever	NVSL-SOP-0291
In Vivo	
Intracerebral Pathogenicity Index (ICPI)	NVSL-SOP-0017
Intravenous Pathogenicity Index (IVPI)	NVSL-SOP-0014
Polymerase Chain Reaction (PCR)	
Conventional PCR	
Eastern Equine Encephalomyelitis	NVSL-SOP-0535
Western Equine Encephalomyelitis	NVSL-SOP-0535
Real-time PCR	
Bluetongue	NVSL-SOP-0533
Epizootic Hemorrhagic Disease	NVSL-SOP-0533
African Horse Sickness	NVSL-SOP-0533
Eastern Equine Encephalomyelitis	NVSL-SOP-0535
Western Equine Encephalomyelitis	NVSL-SOP-0535
Real-time Reverse Transcriptase (rRT) PCR	
Avian Influenza	NVSL-SOP-0068

Test Type/ Platform	Test Method(s)
Newcastle Disease	NVSL-SOP-0068
Swine Influenza Virus	NVSL-SOP-0289
Bluetongue	NVSL-SOP-0569
Epizootic Hemorrhagic Disease	NVSL-SOP-0569
African Horse Sickness	NVSL-SOP-0569
West Nile Virus	NVSL-SOP-0574
Equine Influenza	NVSL-SOP-0068, NVSL-WI-0475
Eastern Equine Encephalomyelitis	NVSL-SOP-0535
Western Equine Encephalomyelitis	NVSL-SOP-0535
Plaque Reduction Neutralization Test (PRNT)	
West Nile Virus	NVSL-SOP-0549
Eastern Equine Encephalomyelitis	NVSL-SOP-0550
Western Equine Encephalomyelitis	NVSL-SOP-0550
Venezuelan Equine Encephalomyelitis	NVSL-SOP-0550
Virus Isolation	
Avian Influenza	NVSL-SOP-0018
Newcastle Disease	
Avian Adenovirus	NVSL-SOP-0022
Avian Pox	NVSL-SOP-0022
Avian Reovirus	NVSL-SOP-0022
Infectious Bursal Disease	NVSL-SOP-0018
Infectious Laryngotracheitis Vesicular Stomatitis	NVSL-SOP-0276
Isolation of Viral Agents from Finfish in Tissue Cell Culture	NVSL-SOP-0285
Swine Influenza Virus	NVSL-SOP-0294
Encephalomyocarditis Virus	NVSL-SOP-0295
Hemagglutinating Encephalomyelitis Virus	NVSL-SOP-0295
Porcine Circovirus	NVSL-SOP-0295
Porcine Parvovirus	NVSL-SOP-0295
Porcine Reovirus	NVSL-SOP-0295
Porcine Respiratory Coronavirus	NVSL-SOP-0295
Porcine Rotavirus	NVSL-SOP-0295
Porcine Rubularvirus	NVSL-SOP-0295
Porcine Sapelovirus (Enterovirus A)	NVSL-SOP-0295
Porcine Teschovirus Transmissible Gastroenteritis Virus	NVSL-SOP-0295
Viral Abortion (Porcine)	NVSL-SOP-0295
Pseudorabies Virus	NVSL-SOP-0292, NVSL-SOP-0295
Porcine Epidemic Diarrhea	NVSL-SOP-0295, NVSL-WI-0218
Porcine Deltacoronavirus	NVSL-SOP-0295, NVSL-WI-0218
Porcine Reproductive and Respiratory Syndrome	NVSL-SOP-0316
Bovine Coronavirus	NVSL-SOP-0317
Bovine Enterovirus	NVSL-SOP-0317
Bovine Herpesvirus 1 (Infectious Bovine Rhinotracheitis)	NVSL-SOP-0317
Bovine Herpesvirus 2 (Bovine Herpes Mammillitis)	NVSL-SOP-0317
Bovine Herpesvirus 4	NVSL-SOP-0317
Bovine Papular Stomatitis	NVSL-SOP-0317
Bovine Parvovirus	NVSL-SOP-0317
Bovine Respiratory Syncytial Virus	NVSL-SOP-0317

Test Type/ Platform	Test Method(s)
Bovine Rotavirus	NVSL-SOP-0317
Bovine Viral Diarrhea	NVSL-SOP-0317
Pseudocowpox Viral Abortion (Bovine)	NVSL-SOP-0317
Bluetongue	NVSL-SOP-0536
Epizootic Hemorrhagic Disease	NVSL-SOP-0537
Equine Viral Arteritis	NVSL-SOP-0538
Eastern Equine Encephalomyelitis	NVSL-SOP-0539
Western Equine Encephalomyelitis	NVSL-SOP-0539
Venezuelan Equine Encephalomyelitis	NVSL-SOP-0539
West Nile Virus	NVSL-SOP-0539
Equine Influenza	NVSL-SOP-0540
Equine Adenovirus	NVSL-SOP-0541
Equine Herpesvirus 1	NVSL-SOP-0541
Equine Herpesvirus 2	NVSL-SOP-0541
Equine Herpesvirus 3	NVSL-SOP-0541
Equine Herpesvirus 4	NVSL-SOP-0541
Equine Rhinitis Virus	NVSL-SOP-0541
African Horse Sickness	NVSL-SOP-0542
Virus Neutralization (VN)	
Vesicular Stomatitis Virus (New Jersey and Indiana Strains)	NVSL-SOP-0284
Bovine Herpesvirus 1 (Infectious Bovine Rhinotracheitis)	NVSL-SOP-0303
Bovine Herpesvirus 2 (Bovine Herpes Mammillitis)	NVSL-SOP-0303
Bovine Respiratory Syncytial Virus	NVSL-SOP-0303
Bovine Viral Diarrhea Parainfluenza-3	NVSL-SOP-0303
Encephalomyocarditis Virus	NVSL-SOP-0304
Malignant Catarrhal Fever	NVSL-SOP-0305
Pseudorabies Virus	NVSL-SOP-0306, NVSL-SOP-0310
Transmissible Gastroenteritis Virus	NVSL-SOP-0307
Equine Herpesvirus 1	NVSL-SOP-0556
Equine Herpesvirus 4	NVSL-SOP-0556
Equine Viral Arteritis	NVSL-SOP-0558
Bluetongue	NVSL-SOP-0564
Epizootic Hemorrhagic Disease	NVSL-SOP-0564



Accredited Laboratory

A2LA has accredited

NATIONAL VETERINARY SERVICES LABORATORIES

Ames, IA

for technical competence in the field of

Biological 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 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 29th day of September 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2526.01
Valid to June 30, 2025

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