



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MABAMEX S.A. DE C.V.
Blvd. El Refugio #25551 Florido 1 Seccion
Tijuana, Baja California, MEXICO C.P. 22237
Adulfo Torres Phone: +52 1 (664) 627-8099

CHEMICAL

Valid To: January 31, 2021

Certificate Number: 2781.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following toy safety tests¹:

Test:

Heavy Elements by ICP

Aluminum (Al), Antimony (Sb), Arsenic (As),
Barium (Ba), Boron (B), Cadmium (Cd),
Chromium (Cr), Cobalt (Co), Copper (Cu), Lead
(Pb), Manganese (Mn), Mercury (Hg), Nickel
(Ni), Selenium (Se), Strontium (Sr), Tin (Sn),
Zinc (Zn) in Metal, Substrates, Applied Coatings,
and Determining Lead (Pb) in Paint and Other
Similar Surface Coatings

Test Methods¹:

In-House test methods:

QSOP 0006-3600;
QSOP 0006-5000;
GLOP 0006-7405;
GLOP 0006-7406;
GLOP 0006-7408;
GLOP 0006-7409

Based on the following standards:

ASTM F963-17 (Sections 4.3.5, 4.3.5.1[1], 4.3.5.1[2],
4.3.5.2, 8.3.2, 8.3.3, 8.3.4, 8.3.5);
EN 71-3 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
ISO 8124-3 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
16 CFR Part 1303 (1303.3, 1303.5);
EPA 3050B (1, 2.1, 2.3, 2.4, 3, 4, 5, 7, 8, 9),
EPA 3051A (1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15),
EPA 6010C (1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15),
EPA 7471B (1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15);
CHPA Method C-03 (1, 2, 3, 4, 5, 6, 7, 9, 10, 11);
AOAC 974.02 (A, B, C);
CPSC-CH-E1001-08 (E1001-08.1, E1001-08.3),
CPSC-CH-E1002-08 (E1002-08.1, E1002-08.2,
E1002-08.3),
CPSC-CH-E1003-09 (E1003-09, E1003-09.1);
NM 300-3 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
AS/NZ 8124.3 (1, 2, 3, 4, 5, 6, 7, 8, 9)

Test:

Phthalates

DNHP, DINP, DNOP, DIDP, DEHP, DBP, BBP, DIBP, DCHP, DPENP/DPP by GC-MS

Test Methods¹:

In-House test methods:

QSOP 3610;
GLOP 7420

Based on the following standards:

CPSC-CH-C1001-09.4 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11);
Health Canada Method C-34 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11);
BS EN 14372 (1, 2, 3, 4, 5.1, 5.4.2.3, 6.1, 6.3.2);
IS 9873-3 (11.1)

Formaldehyde by UV-VIS

In-House test methods:

QSOP 3618;
GLOP 7421

Based on the following standards:

ISO 14184-1 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10);
BS EN 645 (1, 2, 3, 4, 5, 6, 7, 8);
BS EN 1541 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)

¹ The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.





Accredited Laboratory

A2LA has accredited

MABAMEX S.A. DE C.V.

Tijuana, Baja California, Mexico

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 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 January 2019.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2781.02
Valid to January 31, 2021

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