SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS EAG MATERIALS SCIENCE – ST. LOUIS
2672 & 2662 Metro Blvd.
Maryland Heights, MO 63043
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CHEMICAL

Valid To: January 31, 2024 Certificate Number: 2797.06

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform analytical testing including contamination analysis, surface analysis and bulk compositional analysis on materials such as: semiconductors, thin film products, biomedical materials, pharmaceutical products, packaging, metals, metal alloys, optical components, integrated circuits, communication and storage devices and consumer products.

Building 2672

Test	Test Method(s)[1, 2]
Gas Chromatography Mass Spectrometry (GC/MS)	SOP 12/F1/F2; ISO 10993:18
Liquid Chromatography Mass Spectrometry (LC-MS)	SOP 41/F1/F2; ISO 10993:18
Fourier Transform Infrared Spectroscopy (FTIR)	SOP 3/F1; ASTM E1252, ASTM E334
Scanning Electron Microscopy / Energy Dispersive X-Ray (SEM/EDS)	SOP 6/F1/F14
Ion Chromatography (IC)	SOP 24/F1
Extractables/Leachables	SOP 12/F3, SOP 41/F2; ISO 10993:18
Gas Chromatography (GC)	SOP 31/F1
High Performance Liquid Chromatography (HPLC)	SOP 26/F1
Nuclear Magnetic Resonance (NMR)	SOP 30/F1
CONSUMER PRODUCT SAFETY TESTING:[3]	
Gas Chromatography Mass Spectrometry (GC/MS)	SOP 12/F5; CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates

Building 2662

Test	Test Method(s) [1, 2]
Gas Chromatography Mass Spectrometry (GC/MS)	SOP 12/F1/F2/F3; ISO 10993:18
Liquid Chromatography Mass Spectrometry (LC-MS)	SOP 41/F1/F2; ISO 10993:18
Fourier Transform Infrared Spectroscopy (FTIR)	SOP 3/F1; ASTM E1252, ASTM E334
Thermogravimetric Analysis (TGA)	SOP 22/F3
Differential Scanning Calorimetry (DSC)	SOP 22/F2
Extractables/Leachables	SOP 12/F3, SOP 41/F2, SOP18/F6; ISO 10993:18
Karl Fischer Titration (Determination of Water in Samples)	SOP 36/F1; ASTM E203, ASTM D4017
Viscosity – Brookfield including Small Sample Adapter (SSA) and Thermosel, Cone & Plate (CP), Krebs Unit (KU)	SOP 38/F1/F2/F4; ASTM D2196, ASTM E2975, ASTM D445, ASTM D1084, ASTM D562
Dynamic Mechanical Analysis (DMA)	SOP 33/F1; ASTM D4065, ASTM D5026, ASTM D5418, ASTM E1867
Thermomechanical Analyzer (TMA)	SOP 33/F2; ASTM E831
Gel Permeation Chromatography (GPC)	SOP 37/F1/F2/F3/F4; ASTM D5296, ASTM D6474
Raman Spectroscopy	SOP 13/F1
Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	SOP18/F11; ISO 10993:18

[1] Failure analyses performed using test methods listed.

[2] SOPs are accredited internal methods.

[3]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

EUROFINS EAG MATERIALS SCIENCE – ST. LOUIS

Maryland Heights, MO

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 19th day of January 2022.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2797.06
Valid to January 31, 2024
Revised May 31, 2023

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