



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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CHEMICAL

Valid To: May 31, 2027

Certificate Number: 2797.09

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 and thin-film analysis, bulk compositional analysis and materials and products reliability testing) on: semiconductors, integrated circuits, communication and storage devices, photovoltaic materials, consumer products, optical components, thin film products, biomedical materials and products, pharmaceutical products, packaging materials, composites, metals, alloys, plastics, polymers, glasses, ceramics, powders and nanomaterials.

Test

Test Method(s)^{1,2}

Ophthalmic optics – Intraocular lenses, contact lenses and contact lens care products

ISO 11979-2 section 4.4
ISO 11979-5 section 5.5, 5.6, 5.7
ISO 11981, ISO 11986
ISO 18369-3 section 4.8, 4.9

Contact Angle Measurement

SOP 60/F1
ASTM C813, ASTM D5946

Corrosion Testing

ASTM F2129
ASTM F3044
ISO 10993-15

Gel Permeation Chromatography (GPC)

SOP 37/F5
ASTM D5296

Highly Accelerated Life Testing (HALT)

SOP 53/F1
GMW8287

X-Ray Photoelectron Spectroscopy (XPS)

SOP 11/F1
ISO 15472, ISO 24237

Fourier Transform Infrared Spectroscopy (FTIR)

SOP 03/F/F1
ASTM E1252, ASTM E334
ISO 10993-12, ISO 10993-18

Surface Area and Pore Size Analysis
(Gas Adsorption-Desorption) (BET)

SOP 25/F1

<u>Test</u>	<u>Test Method(s)</u>^{1,2}
Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS)	SOP 09/F1
Scanning Electron Microscopy / Energy Dispersive X- Ray Spectroscopy (SEM-EDS) / Dual Beam	SOP 06/F1/F14/F17 ASTM E766, ASTM E1508
Atomic Force Microscopy (AFM) / Optical Profilometry (OP) / Stylus Profilometry (SP)	SOP 02/F6
Spectroscopic Ellipsometry (SE)	SOP 44/F1
X-Ray Fluorescence Spectrometry (XRF)	SOP 14/F1/F6/F7/F8/F9 IEC 62321-3-1
Transmission Electron Microscopy / Energy Dispersive X-Ray Spectroscopy (TEM-EDS)	SOP 21/F1
Dynamic Mechanical Analysis (DMA)	SOP 33/F3
Thermo Mechanical Analysis (TMA)	SOP 33/F4
Ion Chromatography (IC)	SOP 24/F1 IEC 62321-3-2
Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)	SOP 18/F1/F12 IEC 62321-4, IEC 62321-5 IEC 62321-7-1, IEC 62321-7-2 ISO 10993-12, ISO 10993-18 ISO 14949
Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	SOP 18/F1/F12 ISO 18562-1, ISO 18562-4 ISO 10993-12, ISO 10993-18 IEC 62321-4, IEC 62321-5
Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS)	SOP 18/F9
Interstitial Gas Analysis (IGA) (C, S, N, O, H)	SOP 19/F1 ISO 22963 ASTM E1019, ASTM E1941, ASTM E1409, ASTM E1447
Liquid Chromatography Mass Spectrometry (LC-MS)	SOP 41/F1/F5 ISO 10993-12, ISO 10993-18 ISO 18562-1, ISO 18562-3 ISO 18562-4

Test**Test Method(s)^{1,2}**

High Performance Liquid Chromatography (HPLC)

SOP 26/F1

Helium Leakage Testing (HLT)

SOP 49/F1

Mechanical Testing (Tensile and Compression Testing)

SOP 54/F1
ISO 527-2, ISO 22088-3
ASTM D543

Particle Size Distribution – Laser Diffraction

SOP 55/F1

Particles in water (PTw)

SOP 50/F1
USP 788
ISO 19227
ISO 14708-1, ISO 14708-2
ISO 14708-3, ISO 14708-4
ISO 14708-5, ISO 14708-6
ISO 14708-7

Airborne Particle Testing (APT)

SOP 48/F1
ISO 14644-1:2015
ISO 14644-5:2004
ISO 14644-7:2004
ISO 14644-1:1999
ISO 18562-1, ISO 18562-2Airborne Particle Testing – Condensation Particle Counter
(APT-CPC)SOP 66/F1
ISO 14644-1:2015
ISO 14644-5:2004
ISO 14644-7:2004

Raman Spectroscopy (Raman)

SOP 13/F1

Climate testing (Reliability)

SOP 52/F1
IEC 60068-2-1, IEC 60068-2-2
IEC 60068-2-14, IEC 60068-2-30
IEC 60068-2-66, IEC 60068-2-78

IK testing (Reliability)

SOP 52/F2
IEC 60068-2-75
EN 62262

IP testing (Reliability)

SOP 52/F3
IEC 60529

Salt Mist testing (Reliability)

SOP 52/F4
IEC 60068-2-52
ISO 9227

Test**Test Method(s)^{1,2}**

Solar/ UV testing (Reliability)

SOP 52/F5
IEC 60068-2-5

Drop testing (Reliability)

SOP 52/F6
IEC 60068-2-27

Residual Gas Analysis (RGA)

SOP 40/F4

Thermogravimetric Analysis (TGA)

SOP 22/F5

Differential Scanning Calorimetry (DSC)

SOP 22/F5

Total Organic Contamination (TOC)

SOP 46/F1

Total Organic Contamination in water (TOCw)

SOP 47/F1

X-Ray Diffraction Spectrometry (XRD)

SOP 16/F1

**UV-Visible Spectroscopy (UV-Vis)/
UV-Visible-Near Infrared Spectroscopy (UV-ViS-NIR)****SOP29/F2**

Gas Chromatography Mass Spectrometry (GC-MS)

SOP 12/F1
ISO 18562-1, ISO 18562-3
ISO 18562-4, ISO 10993-12
ISO 10993-18¹Failure analyses performed using test methods listed.²SOPs are accredited internal methods.



Accredited Laboratory

A2LA has accredited

EUROFINS MATERIALS SCIENCE NETHERLANDS B.V.

Eindhoven, Netherlands

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 May 2025.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2797.09
Valid to May 31, 2027
Revised February 12, 2026