



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS EAG MATERIALS SCIENCE – CA
810 Kifer Road
Sunnyvale, CA 94086
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CHEMICAL

Valid To: February 28, 2025

Certificate Number: 2797.01

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: semiconductors, integrated circuits, communication and storage devices, photovoltaic materials, optical components, thin film products, biomedical materials and products, pharmaceutical products, packaging materials, metals, alloys, plastics, polymers, glasses, powders and nanomaterials.

Test	Test Method(s)^{1,2}
Auger Electron Spectroscopy (AES)	SOP 1/F1; ISO 21270; ASTM E827
Atomic Force Microscopy (AFM) / Optical Profilometry (OP) / Stylus Profilometry (SP)	SOP 2/F1/F4/F5
Fourier Transform Infrared Spectroscopy (FTIR)	SOP 3/F; ASTM E1252, E334
Gas Chromatography Mass Spectrometry (GC/MS)	SOP 12/F1
Nanoindentation	SOP 56/WI-F1; WI-F2
Scanning Electron Microscopy /Energy Dispersive X-Ray Spectroscopy (SEM/EDS)	SOP 6/F1/F14; ASTM E766
Raman Spectroscopy (Raman)	SOP 13/F1
Rutherford Backscattering Spectrometry (RBS, HFS)	SOP 5/F1/F2
Scanning Electron Microscopy /Energy Dispersive X-Ray Spectroscopy (SEM/EDS)	SOP 6/F1/F14; ASTM E766

<u>Test</u>	<u>Test Method(s)^{1,2}</u>
Secondary Ion Mass Spectrometry (SIMS)	ISO 17560, 14237, 18114 (SOP 8/F1); SEMI MF1528 (F2), SEMI MF1366 (F3), MF2139 (F4), MF1366-0305 (F5), MF1517-0304 (F6)
Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS)	SOP 9/F1
Transmission Electron Microscopy / Energy Dispersive X-Ray Spectroscopy (TEM/EDS)	SOP 21/F1
Viscosity	SOP 38/F6
Tensiometry / Surface Tension / Density / Interfacial Tension / Contact Angle	SOP 51/F1/F2/F3/F4
X-Ray Diffraction Spectrometry (XRD)	SOP 16/F1
X-Ray Fluorescence Spectrometry (XRF)	SOP 14/F1
X-Ray Photoelectron Spectroscopy (XPS)	SOP 11/F1; ISO 15472, 24237

¹ Failure analyses performed using test methods listed.

² SOPs are accredited internal methods.



Accredited Laboratory

A2LA has accredited

EUROFINS EAG MATERIALS SCIENCE - CA

Sunnyvale, CA

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 28th day of February 2023.

A blue ink signature of Mr. Trace McInturff, Vice President of Accreditation Services.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2797.01
Valid to February 28, 2025



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