



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EVANS ANALYTICAL GROUP
810 Kifer Road
Sunnyvale, CA 94086
Dr. Patrick Schnabel Phone: 408 530 3786

CHEMICAL

Valid To: February 28, 2015

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.

<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), MF2139 (F4), MF1366-0305 (F5), MF1517-0304 (F6)
Rutherford Backscattering Spectrometry (RBS, HFS)	SOP 5/F1/F2
X-Ray Photoelectron Spectroscopy (XPS)	SOP 11/F1; ISO 15472, 24237
Auger Electron Spectroscopy (AES)	SOP 1/F1; ISO 21270; ASTM E827
Fourier Transform Infrared Spectroscopy (FTIR)	SOP 3/F1; ASTM E1252, E334
Raman Spectroscopy (Raman)	SOP 13/F1
Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS)	SOP 9/F1
Gas Chromatography Mass Spectrometry (GC/MS)	SOP 12/F1
Scanning Electron Microscopy / Energy Dispersive X-Ray Spectroscopy (SEM/EDS)	SOP 6/F1; ASTM E766
Atomic Force Microscopy (AFM) / Optical Profilometry (OP)	SOP 2/F1/F4

(A2LA Cert. No. 2797.01) 02/19/2013

Page 1 of 2

<u>Test</u>	<u>Test Method(s)^{1,2}</u>
X-Ray Diffraction Spectrometry (XRD)	SOP 16/F1
X-Ray Fluorescence Spectrometry (XRF)	SOP 14/F1
Transmission Electron Microscopy (TEM)	SOP 21/F1

¹ Failure analyses performed using test methods listed.

² SOPs are accredited internal methods.





American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

EVANS ANALYTICAL GROUP

Sunnyvale, CA

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009*).

Presented this 19th day of February 2013.





Peter Meyer

President & CEO
For the Accreditation Council
Certificate Number 2797.01
Valid to February 28, 2015

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