



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AISthesis Products, Inc.  
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CALIBRATION

Valid To: November 30, 2026

Certificate Number: 4904.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements) accreditation is granted to this laboratory to perform the following calibrations<sup>1,3</sup>:

I. Dimensional

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Critical Dimension Pitch Standard	10 µm	0.010 µm	Scanning electron microscope and CDMS

SAMPLING

Sampling Technique	Sampling Method	Matrix
Sampling – On Die Items From Wafer	SOP 07 – Sampling Die Procedure	Die items from wafer for subsequent calibration

<sup>1</sup> This laboratory offers commercial calibration service.

<sup>2</sup> Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

<sup>3</sup> This scope meets A2LA's *P112 Flexible Scope Policy*.

A handwritten signature in blue ink, consisting of a stylized, cursive 'A' followed by a horizontal line.



# Accredited Laboratory

A2LA has accredited

## AISthesis Products, Inc.

Clyde, NC

for technical competence in the field of

### Calibration

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 laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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 9<sup>th</sup> day of January 2025.

A blue ink signature of Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4904.01  
Valid to November 30, 2026

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*