



CERTIFICATE OF ACCREDITATION

This is to attest that

ATZ LABORATORY

17645 JUNIPER PATH, SUITE 260
LAKEVILLE, MINNESOTA 55044

Testing Laboratory TL-442

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation maintained on the IAS website (www.iasonline.org).

This certificate is valid up to JANUARY 1, 2021.



This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See www.iasonline.org for current accreditation information, or contact IAS at 562-364-8201.



A handwritten signature in black ink that reads "Raj Nathan".

Raj Nathan
President



SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-442
Company Name	ATZ Laboratory
Address	17645 Juniper Path, Suite 260 Lakeville, MN 55044
Contact Name	Todd Bergstrom, Ph.D.
Telephone	(952) 595-6050
Effective Date of Scope	December 12, 2019
Accreditation Standard	ISO/IEC 17025:2017

Physical

ASTM C165	Standard test method for measuring compressive properties of thermal insulations
ASTM C203	Standard test methods for breaking load and flexural properties of block-type thermal insulation
ASTM C272	Standard test method for water absorption of core materials for sandwich constructions
ASTM C273	Standard test method for shear properties of sandwich core materials
ASTM C297	Standard test method for flatwise tensile strength of sandwich constructions
ASTM C303	Standard test method for dimensions and density of preformed block and board-type thermal insulation
ASTM C393	Standard test method for core shear properties of sandwich constructions by beam flexure
ASTM C518	Standard test method for steady-state thermal transmission properties by means of the heat flow meter apparatus
ASTM C1303	Standard Test Method for Predicting Long-Term Thermal Resistance of Closed-Cell Foam Insulation
ASTM C1763	Standard test method for water absorption by immersion of thermal insulation materials
ASTM D1621	Standard test method for compressive properties of rigid cellular plastics



SCOPE OF ACCREDITATION

ASTM D1622

Standard test method for apparent density of rigid cellular plastics