



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SMITHERS DT LLC
6539 Westland Way
Suites 22 through 25
Lansing, MI 48917
Kelby Thayer Phone: (517) 322- 2400

MECHANICAL

Valid To: February 29, 2028

Certificate Number: 0363.06

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on various package systems such as cases, crates, unit loads, racks, tray packs, trays and pouches consisting of corrugated, wood, metal, and plastic materials:

<u>Test Description/Parameter</u>	<u>Test Method(s)/Standard(s)</u>
Environmental Conditioning Temperature (-31 to 140) °F Humidity (10 to 90) % RH Vacuum (3 to 28.5) in Hg	ASTM D4169, D6653, D7386, F1980; ISTA 2A, 3A, 3B, 3E, 3F, 3H
Compression Testing (100 to 45,000) lbs	ASTM D4169; ISTA 2A, 3E, 3F, 3H
Free Fall Drop Testing	ASTM D4169, D7386; ISTA 1A, 2A, 3A, 3B, 3F
Horizontal Impact Testing (5 to 25) g	ASTM D4169; ISTA 3B, 3E, 3H
Incline Impact Testing (2 to 6) ft/s	ASTM D4169; ISTA 3B, 3E
Mechanical Vibration Testing (1 to 200) Hz	ASTM D4169, D7386; ISTA 1A, 2A, 3A, 3B, 3E, 3F, 3H
Rotational Drop Testing	ASTM D4169, D7386; ISTA 3A, 3B, 3E, 3H
Tip-Over Testing	ASTM D4169, D7386; ISTA 3B
Bridge Impact Testing	ASTM D4169, D7386; ISTA 3A, 3B
Concentrated Impact Testing	ASTM D4169, D7386; ISTA 3A, 3B
Seal Strength Tests of Flexible Barrier Materials	ASTM F88
Seal Integrity (Medical Devices)	ASTM F1929, F3039
Pack Integrity (Internal Pressure Bubble Emissions)	ASTM F2096
Visual Inspection	ASTM F1886



Accredited Laboratory

A2LA has accredited

SMITHERS DT LLC

Lansing, MI

for technical competence in the field of

Mechanical 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 January 2026.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0363.06
Valid to February 29, 2028

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