



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WESTPAK, INC.
83 Great Oaks Boulevard
San Jose, CA 95119
Angela Barber Phone: (408) 224 - 1300

MECHANICAL

Valid To: January 31, 2026

Certificate Number: 2870.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory and the satellite location listed below to perform the following types of Mechanical, Acoustical, and Vibration testing on various customer products and package systems:

<u>Test</u>	<u>Test Method(s)</u>
<u>Transport Simulation Performance Testing</u>	
Distribution Testing	ASTM D4169, D7386
Mechanical Handling	ASTM D6055
Non-simulation Integrity Performance Testing	ISTA 1A, 1B, 1C, 1D, 1E, 1G, 1H
Partial Simulation Performance Testing	ISTA 2A, 2B, 2C
General Simulation Performance Testing	ISTA 3A, 3B, 3E, 3F, 3H, 3K, 3L
Packaged Products for Sam's Club	ISTA 6 SAM'S CLUB, 6-FEDEX-A, 6-FEDEX-B
Packaged Products for Amazon	ISTA 6-Amazon.com-B, 6-Amazon.com Over Box (OB), 6-Amazon.com Ships in Own Container (SIOC)
Cold Chain Temperature Testing	ISTA 7D
Thermal Transport Packaging	ISTA 7E
<u>Vibration Testing</u>	
Sinusoidal Vibration	ASTM D3580; IEC 60068-2-6
Random Vibration	ASTM D4728; IEC 600068-2-64 (1-2, 000Hz)
Loose Load Vibration	ASTM D999
Horizontal Vibration Testing	ASTM D5112
Vibration	MIL-STD-810 514.8 (Procedures I & II only)
<u>Shock Testing</u>	
Shock Testing	ASTM D3332; IEC 60068-2-27; MIL-STD-810 516.8 (Procedures I-VI only)

Test**Test Method(s)****Shock Testing (continued)**Instrumented Package Shock Testing for
Determination of Package

ASTM D6537

Drop TestingDrop Testing
Concentrated Impact Testing
Mechanical Handling of Unitized Loads
Bridge Impact Testing
Incline Impact Testing
Horizontal Impact Testing
Drop Test for Corrugated Containers
Free Fall RepeatedASTM D5276
ASTM D6344
ASTM D6179
ASTM D5265
ASTM D880
ASTM D4003
TAPPI T802
IEC 60068-2-31 Procedure 2**Tensile Testing**Peel Adhesion – Tape
Seal Strength Testing
Tensile Properties of Plastic Sheeting
Tensile Strength and Elongation – TapeASTM D3330
ASTM F88
ASTM D882
ASTM D3759/D3759M**Compression Testing**Compression Testing
Compression Resistance of Package Under Static
Load
Flat Crush Test (FCT)
Edge Crush Test (ECT) Using Neckdown Sample
Creep Properties of Cushion
Slow Rate Penetration of Flexible Barrier FilmsASTM D642
ASTM D4577
TAPPI T825
TAPPI T838
ASTM D2221
ASTM F1306**Environmental Conditioning**Environmental Conditioning
High Temperature
Low Temperature
Temperature Shock
Humidity Testing
Altitude Testing
Low Pressure (Altitude)
Accelerated Aging
Salt Fog Testing

Conditioning of Paperboard
Effect of Dry Heat on Properties of Paperboard
Effect of Moist Heat on Properties of Paperboard
Climatic Stressing of Parcels for Delivery
Thermal Insulation Performance of Packages
Leak Testing of Containers Using Vacuum MethodASTM D4332
MIL-STD-810 501.7
MIL-STD-810 502.7
MIL-STD-810 503.7
MIL-STD-810 507.6
ASTM D6653
MIL-STD-810 500.6
ASTM F1980
MIL-STD-202 101E,
MIL-STD-810 509.7
TAPPI T402
TAPPI T453
TAPPI T544
ASTM F2825
ASTM D3103
ASTM D4991**Mullen Burst Testing**Burst Strength of Paper
Burst Strength of Paperboard and Linerboard
Burst Strength of Corrugated and Solid FiberboardTAPPI T403
TAPPI T807
TAPPI T810

<u>Test</u>	<u>Test Method(s)</u>
<u>Medical Packaging Testing</u>	
Bubble Emission Testing	ASTM F2096
Burst Testing	ASTM F1140
Dye Penetration Testing	ASTM F1929, F3039
Determination of Leaks in Packages by Bubble Emission	ASTM D3078
Burst Testing Using Restraining Plates	ASTM F2054
<u>Manual Test Input</u>	
Visual Inspection of Seals for Flexible Packaging	ASTM F1886
<u>Mechanical Tests (Non-Solar)</u>	
Abrasion Resistance (Scuff Testing)	ASTM D5264
<u>Ultra Violet (UV) Chamber Tests</u>	
UV Exposure (QUV)	ASTM G154

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6296 San Ignacio Avenue
San Jose, CA 95119

<u>Test</u>	<u>Test Method(s)</u>
<u>Environmental Conditioning</u>	
Accelerated Aging	ASTM F1980
Environmental Conditioning	ASTM D4332





Accredited Laboratory

A2LA has accredited

WESTPAK, INC.

San Jose, CA

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 11th day of January 2024.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2870.01
Valid to January 31, 2026

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