



**Packaging  
Solutions**



**Complete**

**Packaging  
Solutions**

**Safeguarding Global Health**<sup>™</sup>  
with every test we complete.

# What we do



## Nelson Laboratories Packaging Solutions Team

We offer unparalleled breadth of packaging experience to help our clients deliver safe and effective products to market. Our services encompass consulting, package validation, material qualification, and package development.

### Consulting

- Our consulting team has decades of experience in establishing protocols, test plans and justifications
- We are here to provide regulatory assistance before, during and after your regulatory submission
- We can provide gap assessments between final product configuration and standard method discrepancies

### Packaging Validation

- Nelson Labs offers complete package testing and services in compliance with global regulatory requirements.

### Material Qualifications

- Leading experts providing insight regarding material properties, strength, durability, and performance
- Focus on providing tests that work toward package design
- Capability to adjust methods to customize testing

### Packaging Qualifications

- Our trained staff are available to help troubleshoot any packaging related issues and conduct in-depth failure analysis

# Why Choose Nelson Labs Packaging Solutions?



## Proven Experience

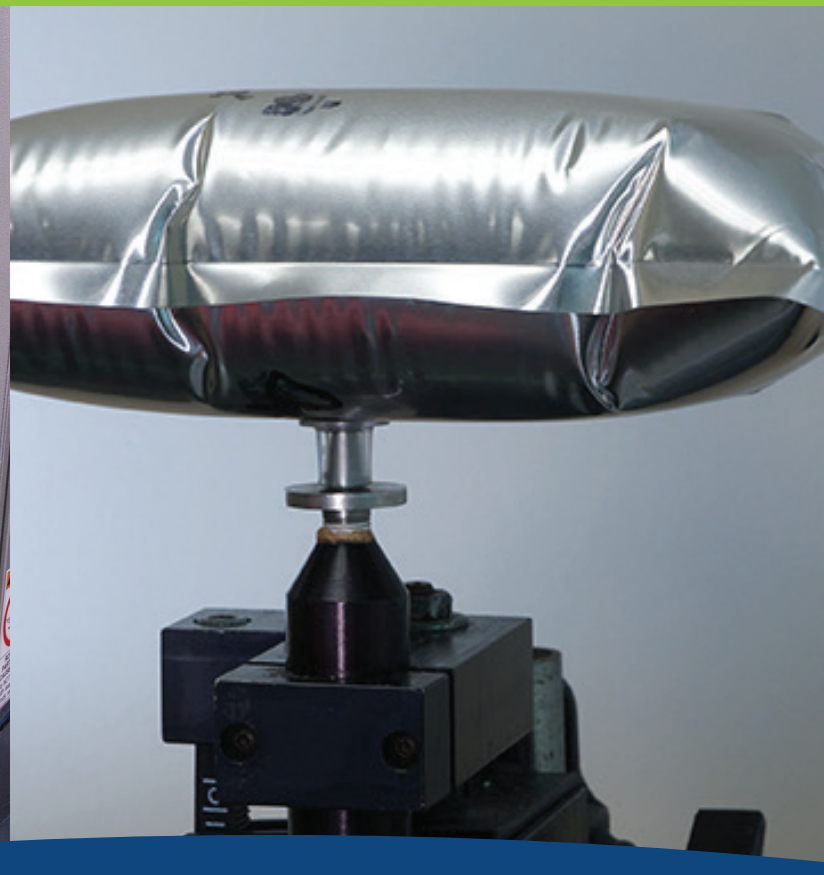
Experience with successful validations encompassing multiple product /package/sterilization configurations throughout various industries (medical device and pharmaceuticals).

## Thought Leadership

Many of our packaging experts contribute to industry education through publications, seminars, webinars and hosted events. Our combined efforts are leveraged to give our clients solutions for their complex packaging needs.

## State-of-the-Art Testing

We use proven and leading technology to provide fast and accurate results.



We help our clients deliver **safe** and **effective** products to market



Packaging Services Medical Device & Pharmaceuticals			
PACKAGING DEVELOPMENT	MATERIAL QUALIFICATION	CONSULTING	DISTRIBUTION TESTING
Protective Packaging	Tensile Test	Sample Size Justification	Climatic Conditioning - ASTM D4332 - ASTM F2825
SBS Package Design	Tear Test	Test Plan - Acceptance Criteria	Distribution Testing - ASTM D4169 - ASTM D7386 - ISTA Series
Packaging Specifications	Puncture Test	- Test Method Justification - Protocol Development	Cold Chain
Failure Analysis	Sutherland Rub Test - ASTM D5264	Sealer Validation	
	Basis Weight	Regulatory Assistance Gap Analysis	
Package Validation			
SHELF LIFE	STRENGTH	INTEGRITY	MICROBIAL BARRIER
Accelerated Aging - ASTM F1980	Seal Strength - ASTM F88	Bubble Emission - ASTM F2096	Microbial Ranking -ASTM F1608
Real Time Aging	Burst/Creep Test - ASTM F1140	Dye Migration - ASTM F1929 - ASTM F3039	Aerosol Filtration -ASTM F2638
Stability Testing - ICH		Dye Immersion	Gurley Porosity - ASTM F2981
Event-Related Shelf Life Studies		Mass Extraction - ASTM F3287	Air Permeance - ISO 5636-5
			Whole-Package Aerosol Challenge

Offering a wide range of microbiological, analytical and physical tests. Our experts **work with you** to find the **appropriate packaging** to deliver your products safely to market.





## Packaging Solutions

**801-290-7500**

Sales@NelsonLabs.com

www.**NelsonLabs**.com

Package Development | Material Qualification | Consulting | Distribution Testing | Package Validation