

## **Raven's Commitment**

*Raven is strongly committed to serving our customers with the best possible customer service. Our technical support staff is very capable and willing to help in any way we can. Raven's employees are dedicated to improving the quality of products that ensure sterility assurance around the world.*

“People working together to ensure quality products for our customers.”



## **Available from Raven:**

- Spore Strips
- Culture Media, Prepared and Dehydrated
- Indicator Tapes for Steam and EO
- Chemical Integrators, Indicators, and Bowie-Dick Type Tests
- Self-contained Biological Indicators
- Spore Suspensions
- Lyophilized Reference Stock Cultures
- Custom BI's
- Sterilization Monitoring Services
- D-Value and Other Testing Services



**Raven Biological  
Laboratories**  
[www.ravenlabs.com](http://www.ravenlabs.com)

8607 Park Drive  
Omaha, NE 68127 USA

Phone: 800-728-5702  
Fax: 1-402-593-0921  
Email: [info@ravenlabs.com](mailto:info@ravenlabs.com)

**Quality Assurance  
Products Since 1949.**



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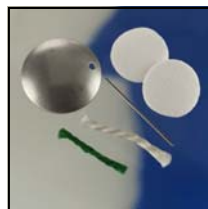
# Raven's Products



Raven manufactures Biological Indicators for validating sterilization processes. Prospore Ampoule and Prospore2 (self-contained), suspensions, strips, incubators, BIER testing services, specialty carriers and Chemical Indicators comprise the most complete line of sterility assurance products/services available from a single manufacturer. Raven also represents MicroBioLogics (520 lyophilized microorganisms).



## Innovation



Raven has developed Biological Indicators for Steam, Dry Heat, Ethylene Oxide, Chemiclave®, Gamma, Vapor Hydrogen Peroxide, and several other Industrial processes. Raven has developed numerous Industrial

Use Biological Indicators including stainless steel carriers for depyrogenization and small cotton threads for placement where traditional spore strips either don't fit or where their presence would obstruct the path of the sterilant. Our best ideas for new products come from our customers.

## Flexibility

Raven is a small, family owned company that has been in operation since 1949. We have developed into a company that can not only deliver and produce millions of units per year, but also one that can change on a dime to suit the needs of today's ever changing sterility assurance landscape. Many of our products are custom made and exceed the stringent requirements of industrial and clinical clients alike.



## Certification

Raven's products are manufactured in accordance with USP Guidelines and the US Food and Drug Administration's Quality System Regulations. Our products have been 3rd Party certified to carry their CE marking. Raven's Quality System is ISO certified. The majority of Raven's products are 510(k) notified and are available to the healthcare market.



## Testing Services

Raven Biological Laboratories offers Steam and EO Dvalue or Survival/Kill testing in our state-of-the-art Joslyn BIER Vessels. Our Dvalue procedure follows USP and is calculated via Spearman Karber (fraction negative) method. Raven can inoculate and perform Dvalue analysis on small items (e.g. coupons or stoppers) or we can verify a competitor's claim for Dvalue, Zvalue, and population. Please note that we currently prefer to work with the species of Bacillus we manufacture. Email [info@ravenlabs.com](mailto:info@ravenlabs.com) for quotes on our testing services.

# Introducing



## ProTest\*

Raven ProTest is intended for use in the monitoring of saturated steam sterilization cycles. Each ProTest vial contains a spore disc inoculated with *Geobacillus stearothermophilus* (ATCC#7953) spores and a culture medium encased in a glass ampoule with Bromocresol Purple functioning as a pH indicator. The acid production associated with growth causes a change in color of the ProTest media from purple to yellow to facilitate the detection of growth.

\* Availability pending 510(k) notification

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