



Spore Strips

Raven Labs offers a complete line of spore strips for sterility testing in various sterilization environments for both Healthcare and Industrial applications.

Raven's spore strips are certified for species, population, D-value, z-value (where appropriate) and expiry. Raven's products are manufactured in accordance with USP Guidelines and the US Food and Drug Administration's Quality System Regulations.

- Autoclave Validations
- EO Sterilization
- Steam Applications
- Irradiation Sterilization
- Multiple Species Available



Geobacillus stearothermophilus - For use in steam sterilization at 121.1°C (250°F) to 135°C (275°F), Low Temperature Steam w/Formaldehyde and Chemiclave®. After exposure to sterilant, incubate strips at 55-60°C. 24-Hour incubation available when used with Raven's Culture Media.

Bacillus atrophaeus - For use in Ethylene Oxide (600mg/L), Dry Heat sterilization (D-value determined at 160°C), and formaldehyde fumigation. After exposure to sterilant, incubate strips at 30-35°C.

Bacillus pumilus - Used for validation of irradiation sterilization processes. After exposure to sterilant, incubate strips at 30-35°C.

Combined species spore strips - *G. stearothermophilus* (10⁵) and *B. atrophaeus* (10⁶) on each strip. For use in Steam, EO, Dry Heat or Chemiclave® sterilizers. In-house studies have shown the performance of dual species strips to be essentially equivalent to single species strips made from the same spore batch.

Hospital Packs - 25 Envelopes with 2 test strips to be sterilized and 1 control all to be sent to the hospital microbiology lab for in-house culturing.

Monitoring Service - Raven will send out 12 or 24 envelopes each containing 1 test and 1 control spore strip. Expose the test strip and return both for culturing, ideal for (domestic) dental/doctor's office and tattoo or piercing parlors looking for independent verification of their sterilization results.

Raven Culture Test Kit - Spore strips and culture media (TSB) for in-house use; 24-Hour incubation when used in Steam at 121-135°C (510k information available). Cat.# C-1080P (25 strips and media tubes) or C-1081P (100 strips and media tubes) available.

Packaging - Bags of 100 strips in re-sealable bags

Species	Cat. #	Min. Population	Log
<i>G. stearothermophilus</i>	3-5100	100,000	10 ⁵
<i>G. stearothermophilus</i>	3-6100	1,000,000	10 ⁶
<i>B. atrophaeus</i>	1-6100	1,000,000	10 ⁶
<i>B. pumilus</i>	7-6100	1,000,000	10 ⁶

