

# World Bioproducts Product Specifications

## Halal Select™ Sponge Sampler

Intended for collection of environmental surface samples in in halal certified production facilities

- Handle allows for aseptic sampling of surfaces and hard to reach areas without touching the sponge.
- Patented twist-off handle securely holds sponge during sampling and is easily removed for transport of sponge to the lab, in the included sample bag.
- Biocide-free polyurethane sponge resists tearing and crumbling during sample collection.
- Ideal for sampling areas up to 2 ft<sup>2</sup>



### Device Specifications:

- Qty: 100 / case  
Pre-hydrated devices: 5 resealable foil barrier pouches of 20 units each/case  
Dry devices: - 5 resealable foil barrier pouches of 20 units each/case
- Sample bag: sealed, wire closure, 24 oz bag (approximately 6.0" x 9.0")
- Sponge: Polyurethane (white) 1.5" x 3.0"
- Handle: Green, polypropylene twist-off (recyclable) 7.5" x 0.75"
- Storage conditions: dependent upon collection solution
- Processing: Terminally gamma irradiated for sterility

### Collection Solution Specifications:

Collection Solution	Appearance	pH	Storage	Shelf life	Volume
HiCap™ Neutralizing Broth	Light amber; hazy opalescent with slight precipitate	6.8 – 7.2	2 – 30 °C	24 months	10 ml

#### HiCap™ Neutralizing Broth:

- All components are listed in U.S. Food and Drug Administration *Substances Added to Food* (formerly EAFUS)
- There are no animal-derived materials used in this broth medium.

## Neutralizing Collection Solution Comparison Chart:

Attribute	HiCap™ Neutralizing Broth	Neutralizing Buffer	Lethen Broth	D/E Neutralizing Broth
Ability to neutralize quats <sup>1</sup>	Highest	Moderate	Weakest	Highest
Ability to neutralize free chlorine	Highest	Weakest	Moderate	Highest
Ability to neutralize high acid	Highest	Weakest	Moderate	Highest
Ability to neutralize peroxyacetic acid	Highest	Weakest	Weakest	Highest
Ability to buffer low pH (high acid) sanitizers <sup>2</sup>	Yes	No	No	No
All components are compatible with Neogen Petrifilm plates <sup>3</sup>	Yes	No	Yes	No
Compatible with molecular detection assays	Yes	No <sup>4</sup>	Yes	Yes
All components listed in FDA Substances Added to Food <sup>5</sup>	Yes	No	Yes	No
All components are identified as non-allergenic	Yes	Unknown <sup>6</sup>	Unknown <sup>7</sup>	No <sup>8</sup>
No meat peptones or extracts	Yes <sup>9</sup>	Yes	No	No
Store at ambient temp 2-30°C	Yes	Yes	Yes <sup>10</sup>	No <sup>11</sup>

1. Technical data available upon request. ~ 2. Technical data available upon request. ~ 3. Neogen recommends avoiding solutions that contain bisulfite, citrate and thiosulfate when working with Petrifilm. ~ 4. Possibly due to the presence of aryl sulfonate complex in the neutralizing buffer. ~ 5. Substances Added to Food -. (U.S. FDA). ~ 6. Contains aryl sulfonate complex of unknown allergenicity. ~ 7. Lethen broth contains lecithin. Lecithin used in microbiological culture media is typically derived from soy or egg. ~ 8. Contains peptone from milk and lecithin, which is typically derived from soy or egg. ~ 9. Includes vegetable peptones (not digested with animal-derived enzymes) and yeast extract. ~ 10. Some suppliers of Lethen broth specify refrigerated storage. ~ 11. D/E shows pH instability with ambient storage.

## Recommended Best Practices:

### Sanitizing surfaces after sample collection:

It is recommended that all surfaces sampled using the Halal Select™ Sponge Samplers with HiCap™ Neutralizing Broth be rinsed and sanitized after a sample is collected, as it contains growth promoting materials, such as peptones, that if left on the surface may support the growth of microorganisms after the sample is collected.

### Handling of samples after collection:

It is recommended that samples be analyzed as soon as possible after collection. If samples are sent to an off-site laboratory for analysis, they should be packed in accordance with local shipping regulations. Samples should be packed on ice to maintain refrigerated temperatures. Care should be taken to avoid freezing of samples. Samples collected using HiCap Neutralizing Broth may be held at refrigerated temperatures (2-8 ° C) for up to 96 hours prior to analysis. <sup>F</sup>

<sup>F</sup> Data on file at World Bioproducts and available upon request



Halal-Select™ Sampling Devices have been certified by the American Halal Foundation (AHF) to be manufactured in accordance with Islamic Law and are suitable for use globally.

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