

Sample collection device and neutralising solution checklist

Neutralising solution	3M™ Wide Spectrum Neutraliser ^{1,2}	Current neutralising solution (check all that apply)	Why it matters
AOAC® Performance Tested Methods SM programme certified?	✓		▶ Certification mark assures users that an independent assessment found that test method performance meets an appropriate standard for its intended use
Effective neutralisation of multiple sanitisers? ▶ Quaternary ammonium compounds ▶ High acid cleaners ▶ Chlorine-based sanitisers ▶ Hydrogen peroxide and peroxyacetic acid-based sanitisers	✓ ✓ ✓ ✓		▶ Effective neutralisation of residual sanitisers help to ensure sample integrity for accurate downstream testing ▶ A neutralising solution that effectively neutralises multiple classes may reduce the need for food processors to match neutralising solution to the sanitiser currently in use (i.e. one neutralising solution is now sufficient)
Free from known allergenic components?	✓		▶ Reduces the concern of the neutralising solution leaving residual allergenic material on surfaces in food processing environments
Free from known PCR-inhibitors?	✓		▶ Designed for compatibility with downstream molecular methods
Free from animal derived materials (ADMs)?	✓		▶ Reduces the concern of the neutralising solution leaving residual Animal Derived Materials on surfaces in food processing environments
Free from Genetically Modified Organism (GMO)-based components?	✓		▶ Reduces the concern of the neutralising solution leaving residual Genetically Modified Organism-based components on surfaces in food processing environments
Can hold samples for up to 96 hours (15–25°C)?	✓		▶ Allows for more flexibility when shipping and processing samples
Can be stored at room temperature for up to 3 months?	✓		▶ Allows for more flexibility with storage conditions
Designed for compatibility with 3M™ Petrifilm™ Plates?	✓		▶ Provides 3M Petrifilm Plate users added flexibility (i.e., one neutralising solution is now sufficient)
Designed for compatibility with 3M™ Molecular Detection System?	✓		▶ Provides 3M Molecular Detection System users added flexibility (i.e., one neutralising solution is now sufficient)
Sampling device	3M™ Environmental Scrub Sampler	Current sampling device (check all that apply)	Why it matters
Biocide free	✓		▶ Maintains organism viability post-sampling for sample integrity
Resists tearing, fraying, and flaking	✓		▶ Withstands sampling on rough surfaces ▶ Reduces the potential for residual material left post-sampling (vs. cellulose)
Scrub dot feature	✓		▶ Quickly and effectively disrupts biofilm and enhances sample collection
Bright colour	✓		▶ Highly visible to aid with identification in food processing environments
Sonic welded edge	✓		▶ Can help to facilitate sample collection in tight areas such as cracks and crevices
Sampling device stick	3M™ Environmental Scrub Sampler Stick	Current sampling device (check all that apply)	Why it matters
Metal detectable stick	✓		▶ Reduces potential for foreign material contamination in food processing environments
Thumb stop	✓		▶ Thumb stop contributes to aseptic sampling
One-step detachment	✓		▶ Quick and easy twist to remove stick

Make it part of your environmental monitoring program at:

3M.co.uk/SampleCollection

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Description	Code	Quantity
3M™ Environmental Scrub Sampler Stick with 10ml Wide Spectrum Neutraliser	ESS10WSN	100/case
3M™ Environmental Scrub Sampler with 10ml Wide Spectrum Neutraliser and Gloves	HES10WSN2G	100/case

References

- 1 Internal 3M data.
- 2 AOAC® Performance Tested MethodsSM Programme certificate number 022104.

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