

micrógel™ Multi-Organism CRM



micrógel™ Multi-Organisms CRM's provide microbiological laboratories a convenient and cost effective means to validate in-house methods plus media quality control.

Rating: Not Rated Yet

Price

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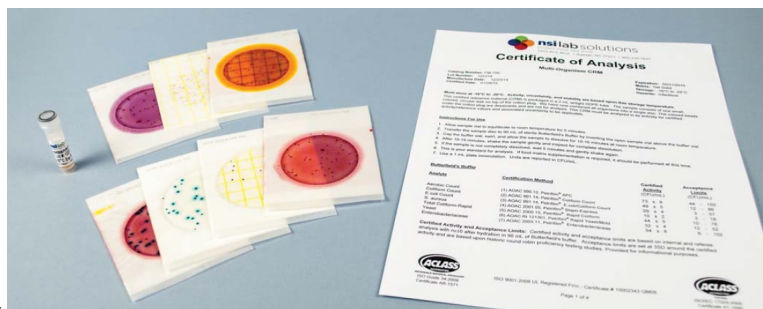
Description

micrógel™ Multi-Organism CRM's can be used to QA multiple routine food microbiological analyses from a single standard. Save time, money and effort by minimizing the number of controls required or eliminating the need to manage numerous cultures in-house.

micrógel™ Multi-Organism CRM's are water soluble discs containing viable microorganisms at known levels. All of the microbiological CRM's are prepared from genuine NCTC cultures and are less than 5 passes from primary culture.

Certified using approved food testing methods (AOAC, BAM Compendium) in ISO 17025 accredited laboratories. This unique, rigorous approach to certification yields defensible data specific to selective methods and different sample types.

From the one source of CRM, you can now test a wide range of rehydratable plates such as 3M™ Petrifilm™ :



- Aerobic Plate Count
- Total Coliform Count

- *E.coli* Count
- Enterobacteriaceae
- *S. aureus* Count
- Yeast and Mould

Advantages:

- Easy to use
- No pre-incubation
- Homogenous
- Stable for up to 18 months (varies between products)
- Reproducible to <5% RSD
- Manufactured from pure cultures under an ISO Guide 34-accredited QA system
- Certified in an ISO 170225 accredited laboratory
- All micrógel™ products are supplied with a Certificate of Analysis

Instructions for use:

1. Allow the sample vial to room temperature for 5 minutes
2. Transfer the sample disc to 90mL of sterile Butterfield's Buffer by inverting the open sample vial above the buffer vial.
3. Cap the buffer vial, swirl, and allow the sample to dissolve for 10-15 minutes at room temperature.
4. After 10-15 minutes, shake the sample gently and inspect for complete dissolution.
5. If the sample is not completely dissolved, wait 5 minutes and gently shake again.
6. This is your standard for analysis. If food matrix supplementation is required, it should be performed at this time.
7. Use 1mL plate inoculation. Units are reported in CFU/mL.

Products Available:

◦ Multi-Organism CRM with Yeast – Quantitative

Certified for Total Aerobic Count, Total Coliform, Coliform / *E.coli*, Rapid Coliform, *S.aureus*, Enterobacteriaceae, and Yeast by rehydratable film and BAM methods. Activity of each set to countable ranges, once hydrated to 90mL.

Ordering details:-

Product Code: FM-700-5 5 Sample Set

Product Code: FM-700-20 20 Sample Set

◦ Multi-Organism CRM with Mould - Quantitative

Certified Total Aerobic Count, Total Coliform, Coliform / *E.coli*, Rapid Coliform, *S.aureus*, Enterobacteriaceae, and Mould by rehydratable film and BAM methods. Activity of each set to countable ranges once hydrated to 90mL.

Ordering details:-

Product Code: FM-701-5 5 Sample Set

Product Code: FM-701-20 20 Sample Set

◦ **Salmonella / E.coli O157:H7**

Contains *S.salford* (NCTC 8702) and *E.coli* O157: H7 (NCTC 12900) formulated at approximately 10³ each in a single micrógel™ disc. Designed for use with any approved methods including MLG Ch. 5 and Ch. 4.

Ordering details:-

Product Code: FM-702 10 vials

◦ **Listeria Cocktail CRM**

Contains *L.monocytogenes* (NCTC 7973), *L.ivanovii* (NCTC 11846) and *L.innocua* (NCTC 11288).

Ordering details:-

Product Code: FM-703 10 vials

◦ **Big "6" STEC Cocktail CRM**

Contains *E.coli* serotypes O26, O111, O121, O45, O103 and O145 at ~200 CFU each in a single micrógel™ disc. Designed for use with any approved methods including BAX™ Real-Time PCR.

Ordering details:-

Product Code: FM-704 10 vials

◦ **STEC Cocktail CRM - Panel 1**

Contains *E.coli* serotypes O26, O111 and O121 at ~350 CFU each in a single micrógel™ disc. Designed for use with any approved methods including BAX™ Real-Time PCR.

Ordering details:-

Product Code: FM-705 10 vials

◦ **STEC Cocktail CRM - Panel 2**

Contains *E.coli* serotypes O45, O103 and O145 at ~350 CFU each in a single micrógel™ disc. Designed for use with any approved methods including BAX™ Real-Time PCR.

Ordering details:-

Product Code: FM-706 10 vials

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Vidas™ is a registered trademark of bioMerieux.

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