



Lot Number 012009

Certificate of Analysis

Product name: **Actero™ Listeria Enrichment Media**
Product number: FCM-011, FCM-022, FCM-023, FCM-203
Lot number: 012009
Expiry date: 2020/09
Storage conditions: 2° - 23 °C (36° - 73°F)

Physical Characteristics


| Specification | Expected results | Results |
|------------------------|--------------------------------|----------------------|
| Dehydrated: Appearance | Free-flowing powder | Free-flowing powder |
| Color | Beige | Beige |
| Prepared: Appearance | Clear | Clear |
| Color | Light to medium greenish amber | Light greenish amber |
| pH: | 7.0 ± 0.2 | 7.00 |

Microbiological performance

Productivity and selectivity test in accordance with the current version of ISO 11133:2014
Mixed inoculum of *Listeria* strains with *E. faecalis* and *E. coli*. Incubation 18-24h at 37°C.

| Microorganisms | Approx. Inoculum (CFU) | Expected Results | Results |
|---|------------------------|------------------|-----------|
| <i>L. monocytogenes</i> ATCC™ 13932 (WDCM 00021) | < 100 | > 100 CFU | > 100 CFU |
| <i>L. monocytogenes</i> ATCC™ 35152 (WDCM 00109) | < 100 | > 100 CFU | > 100 CFU |
| <i>L. grayi</i> ATCC™ 19120 | < 100 | > 100 CFU | > 100 CFU |
| <i>E. coli</i> ATCC™ 25922 (WDCM 00013) | 10 ⁴ | No growth | No growth |
| <i>Enterococcus faecalis</i> ATCC™ 19433 (WDCM 00009) | 10 ⁴ | No growth | No growth |

Laboratory Results: Satisfactory


Quality Assurance/Quality Control

2017-11-02
Released Date

