



Certificate of Analysis

Product name: **Actero™ Listeria Enrichment Media**
 Product number: FCM-011, FCM-022, FCM-023, FCM-203
 Lot number: 190604022206
 Expiry date: 2022/06
 Storage conditions: 12° - 25 °C (53° - 77°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	Medium greenish amber
pH:	7.0 ± 0.2	7.14

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

2019-08-30
Released Date

