



Lot Number 191024022210

## Certificate of Analysis

Product name: **Actero™ Listeria Enrichment Media**  
Product number: FCM-011, FCM-022, FCM-023, FCM-203  
Lot number: 191024022210  
Expiry date: 2022/10  
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	7.03

### 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 <sup>4</sup>	< 10	< 10 CFU
<i>Enterococcus faecalis</i> ATCC™ 19433 (WDCM 00009)	10 <sup>4</sup>	< 100	< 100 CFU

**Laboratory Results: Satisfactory**

Quality Assurance/Quality Control

2019-11-06

Released Date

