

CERTIFICATE OF ANALYSIS

Product: **R & F[®] *Listeria* spp./*Listeria monocytogenes*
Chromogenic Plating Medium**

Code #: M-1150

Lot #: 100225

Expiration Date: October 2031

1. Dehydrated Medium Appearance: Off white, free flowing and homogeneous.
2. Solubility: 6.20% solution, soluble with a white chalky precipitate in deionized or distilled water after sterilizing.
3. Loss on drying at 121°C at 30 minutes: 4.12%
4. Solution Appearance after sterilizing: Amber and translucent with a white chalky precipitate.
5. pH of a 6.20% solution at 25°C prior to autoclaving: 7.20
6. pH of a 6.20% solution at 25°C after sterilizing: 6.15
7. Cultural Response: Medium was prepared per label instructions. Medium was inoculated by streaking the plates with a loopful of cells and incubating at $35 \pm 1^\circ\text{C}$ for 48 hours.

TEST ORGANISM	ATCC #	RECOVERY	COLONY DESCRIPTION
<i>Salmonella</i> Derby	-----	No Growth	-----
<i>Staphylococcus aureus</i>	6538	No Growth	-----
<i>Enterococcus faecium</i>	19434	No Growth	-----
<i>Bacillus cereus</i>	13061	No Growth	-----
<i>Listeria monocytogenes</i>	19114	Good Growth	Blue-green to blue-violet; 1.0-1.5 mm in diameter with a blue-green precipitate
<i>Listeria monocytogenes</i>	19118	Good Growth	Blue-green to blue-violet; 1.5-2.0 mm in diameter with a blue-green precipitate
<i>Listeria ivanovii</i>	19119	Good Growth	Blue-green; 1.0-1.5mm in diameter with blue-green precipitate
<i>Listeria innocua</i>	-----	Good Growth	Pink; 1.0-1.5 mm in diameter with no precipitate
<i>Listeria welshimeri</i>	-----	Good Growth	Pink; 1.5-2.0 mm in diameter with no precipitate

8. The results reported were obtained at the time of release. The product should be stored at 2-8°C and do not freeze.

Tested by: Lawrence Rastano

Date: 10/02/2025