

# CERTIFICATE OF ANALYSIS

**Product: R & F® *Bacillus cereus* Group  
Chromogenic Plating Medium**

**Code #: M-2050**

**Lot #: 072224**

**Expiration Date: July 2029**

1. Dehydrated Medium Appearance: Cream to off white color, free flowing with even particle size and homogeneous.
2. Solubility: 4.6% solution, soluble in deionized or distilled water after autoclaving.
3. Loss on drying at 250°F at 30 minutes: 2.95%
4. Solution appearance after autoclaving: Amber and translucent.
5. pH of a 4.6% solution at 25°C before autoclaving: 6.95
6. Final pH at 25°C: 6.95
7. Cultural Response: Medium was prepared per label instructions. Plates were inoculated by streaking the test organisms and incubated at 35 ± 1°C for 24-28 hours.

TEST ORGANISM	ATCC # OR OTHER	RECOVERY	COLONY DESCRIPTION
<i>Bacillus cereus</i> and <i>Bacillus thuringiensis</i>	13061 and 33680	Good Growth	Medium to dark turquoise; flat, glossy to dull with irregular shaped colonies; 1-4 mm in diameter; with or without a cream ring
<i>Bacillus cytotoxicus</i>	NVH 391-98	Good Growth	Medium turquoise circular colonies with irregular edges; 1-2 mm in diameter with cream ring
<i>Bacillus pseudomycoloides</i>	DSM 12443	Good Growth	Dark turquoise centers; rhizoid shaped colonies
<i>Bacillus mycoloides</i> , <i>B. toyonensis</i> , <i>B. weidmannii</i> , and <i>B. weihenstephanensis</i>	NRRL #s: B-347; B-23412; B-2273 and B-23307	Good Growth	Medium to dark turquoise; flat dull colonies with irregular edges; 1-5 mm in diameter with or without a cream ring
<i>Staphylococcus aureus</i>	6538	Partial Growth	Pin-point; cream-colored colonies
<i>Escherichia coli</i>	25922	No Growth	-----
<i>Bacillus subtilis</i>	37015	No Growth	-----
<i>Candida albicans</i>	36232	No Growth	-----

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 Restrepo

**Date: 5/6/2024**