

Certificate of Analysis

Agar, Bacto

Cat No : A2007

Lot No : 01222411

Exp. Dec. 2026

TEST	Specification	Result
Appearance	Off-White to Tan Powder	PASS
Particle size (150 mesh)	≥ 95.0 %	PASS
Moisture	≤ 20.0 %	10.7 %
Insoluble matter	≤ 1.0 %	≤ 0.5 %
Total Ash	≤ 6.5 %	≤ 1.07 %
Acid Insoluble Ash	≤ 1 %	≤ 1 %
Arsenic (As)	≤ 3 ppm	≤ 3 ppm
Heavy Metals	≤ 40 ppm	≤ 40 ppm
Lead (Pb)	≤ 10 ppm	≤ 10 ppm
Foreign Organic Matter	≤ 1.0 %	≤ 1.0%
Water Absorption	≤ 75 ml	≤ 58 ml
pH (1.5%, H ₂ O, 60°C)	6.0 - 8.0	6.6
Gel Strength (1.5%, 20°C)	600 - 1100 g/cm ²	760 g/cm ²
Gelling Temperature	32 - 38 °C	37°C
Bacterial Cell Culture Tested	Normal Growth	PASS
E.Coli	None Detected	PASS
Salmonella	None Detected	PASS

This document has been produced electronically and is valid without signature

Date of Print : 1. 23. 2024