

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-01 12:11:22
Date of Next Testing: 2026-11-30 12:11:22
Product Name: **3:1 Agarose**
CAS Number:
Specifications & Purity:
Lot #: K2229828
SKU #: **H292888**
Analysis: 143820
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	8.60 %
Ash	≤0.5 (%)	0.11 %
Gel strength(1.5%)	≥650 (g/cm ²)	800.00000 g/cm ²
Electroendosmosis (-MR)	0-0.1	0.08
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.06 %
Gelling point(1.5% Gel)	≤36 (°C)	34.00000 °C
Melting point(1.5% Gel)	≤80 (°C)	76.00000 °C
Appearance(H292888)	white to off-white powder	White to Off-White Powder
Solubility in H ₂ O:clear colorless solution,2g/100ml	Pass	Pass
DNases	none detected	none detected
RNases	none detected	none detected
proteases	none detected	none detected
Endonuclease/ligase inhibitory factor	none Detected	none detected



John Su
QA & QC Manager