

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-01 12:20:59
Date of Next Testing: 2026-11-30 12:20:59
Product Name: **3:1 Agarose**
CAS Number:
Specifications & Purity:
Lot #: K2229813
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