

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-26 18:13:22
Date of Next Testing: 2027-07-25 18:13:22
Product Name: **Agarose**
CAS Number: 9012-36-6
Specifications & Purity: Wide range(multipurpose)
Lot #: G2320222
SKU #: **A118882**
Analysis: **246146**

Parameter	Limit Values	Result
Melting Temperature	≥65 (°C)	89.50 °C
Electroendosmosis	0-0.15	0.11
Sulfate(SO42-)	0-0.15 (%)	0.13 %
Ignition Residue (as sulfate)	0-1 (%)	0.92 %
Moisture content	0-10 (%)	1.06 %
Gel Temperature	≥35 (°)	37.30°
Appearance (A118882)	White to Off-White Powder	White to Off-White Powder
For use in nucleic acid electrophoresis	pass	Pass
Solubility in H2O , Colorless to yellow,Clear to Slightly Hazy,10mg/ml	pass	Pass



John Su
QA & QC Manager