

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-29 14:25:35
Date of Next Testing: 2028-07-28 14:25:35
Product Name: **Agarose**
CAS Number: 9012-36-6
Specifications & Purity: Wide range(multipurpose)
Lot #: G2422003
SKU #: **A118882**
Version: **0**
Analysis #: **382446**

Parameter	Limit Values	Result
Melting Temperature	≥65 (°C)	88.00 °C
Electroendosmosis	0-0.15	0.09
Moisture content	0-10 (%)	7.60 %
Gel Temperature	≥35 (°)	36.00 °
Sulfate(SO42-)	0-0.15 (%)	0.09 %
Ignition Residue (as sulfate)	0-1 (%)	0.95 %
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