

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-07-01 11:16:38
Date of Next Testing:	2026-06-21 11:16:38
Product Name:	N,N'-Methylenebis(acrylamide)
CAS Number:	110-26-9
Specifications & Purity:	for molecular biology, ≥99.0%
Lot #:	F2427518
SKU #	M104027
Version	7
Analysis #:	370716
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Magnesium(Mg)	0-40 (ppm)	0.53 ppm
Chloride (Cl-)	0-50 (ppm)	0.74 ppm
Iron(Fe)	0-40 (ppm)	0.35 ppm
Purity(HPLC)	99-100 (%)	100.00000 %
Sulfate(SO42-)	0-50 (ppm)	15.63 ppm
A290 UV Absorbance	0-0.2	0.20
Electric Conductivity at 20 °C (20 mg/ml water)	0-5 (µS/cm)	2.00 µS/cm
Free Acrylic Acid	0-0.05 (%)	0.00 %
Carbon by Elemental Analysis	53.4-55.6 (%)	54.48 %
Nitrogen by Elemental Analysis	17.8-18.5 (%)	18.16 %
DNases	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insoluble matter	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , soluble 20 mg/mL at 20 °C, clear, colorless	pass	Pass
phosphatases	none detected	none detected



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager