

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **N,N'-Methylenebis(acrylamide)**  
Specifications & Purity: for molecular biology,  $\geq 99.0\%$ (T)  
SKU #: **M104027**

Parameter	Limit Values
Electric Conductivity at 20 °C (20 mg/ml water)	0-5 ( $\mu$ S/cm)
Magnesium (Mg)	0-40 (ppm)
Chloride (Cl-)	0-50 (ppm)
Iron(Fe)	0-40 (ppm)
Purity(HPLC)	98-100 (%)
Sulfate(SO42-)	0-50 (ppm)
Free Acrylic Acid	0-0.05 (%)
DNases	none detected
Infrared spectrum	Conforms to Structure
Insoluble matter	pass
phosphatases	none detected
proteases	none detected
Proton NMR spectrum	Conforms to Structure
RNases	none detected
Solubility in H2O , soluble 20 mg/mL at 20 °C, clear, colorless	pass
Carbon by Elemental Analysis	53.4-55.6 (%)
Nitrogen by Elemental Analysis	17.8-18.5 (%)
A290 UV Absorbance	0-0.2