

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

N,N'-Methylenebisacrylamide – powder, for molecular biology, for electrophoresis, ≥99.5%

Product Number:

M7279

CAS Number:

110-26-9

MDL:

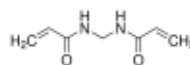
MFCD00008625

Formula:

C7H10N2O2

Formula Weight:

154.17 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear to Hazy
80 mg/mL, MeOH	
A290 UV absorbance	≤ 0.2
1% in H2O	
Conductivity	≤ 10
of a 2% Solution	
Micromhos	
Free Acid	≤ 0.05 %
Free carboxylic acid	
Suitability	Suitable
Suitable for use as a reagent in electrophoresis	
DNAse, Exonuclease Detection	None Detected
RNAse Detection	None Detected
Protease Detection	None Detected
Chloride (Cl)	Pass
< or = 50 ppm	
Iron (Fe)	≤ 5 ppm
Magnesium (Mg)	≤ 5 ppm
Calcium (Ca)	≤ 10 ppm
Chromium (Cr)	≤ 5 ppm
Manganese (Mn)	≤ 5 ppm
Cadmium (Cd)	≤ 5 ppm

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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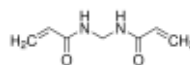
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TEST	Specification
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Cobalt (Co)	≤ 5 ppm
Copper (Cu)	≤ 5 ppm
Zinc (Zn)	≤ 5 ppm
Nickel (Ni)	≤ 5 ppm
Sulfur	≤ 0.0017 %
total sulfur as SO ₄ : < or = 50ppm	
Lead (Pb)	≤ 5 ppm
Potassium (K)	≤ 50 ppm
Sodium (Na)	≤ 50 ppm
Purity (HPLC)	≥ 99.5 %

Specification: PRD.2.ZQ5.10000035639

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