



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-702
Lot Number	000878-3786586
Product	<i>N,N'</i>-Methylene-bis-acrylamide, $\geq 99.5\%$, suitable for electrophoresis, conductivity ≤ 10 $\mu\text{mho/cm}$ Bis-acrylamide
CAS Number	110-26-9
Molecular Formula	$\text{C}_7\text{H}_{10}\text{N}_2\text{O}_2$
Molecular Weight	154.17

Appearance	White crystalline powder
Solubility	Colorless in 2.5% aqueous solution
Solubility (Turbidity)	Clear in 2.5% aqueous solution
pH	6.1
Conductivity	5.7 $\mu\text{mho/cm}$ (2% aqueous solution)
UV Ratios	Absorbance (A) of 1% aq. solution in 1cm cell v/s water at 290nm : 0.177
Loss on Drying	0.4%
Particle Size	< 75 μ
Related Substances	Acrylic acid : 0.01%
Assay by titration	99.6%
Storage	Store at RT

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