



Certificate of Analysis

Acrylamide Ultra Pure

Catalog Number: AC1009
Lot Number: 1219802
CAS Number: 79-06-1
Molecular Formula: C₃H₅NO
Molecular Weight: 71.10
Storage: 15°C – 30°C
Date of Manufacture: November 13, 2018
Retest Date: September 30, 2023

Test	Specification	Result
Appearance	White crystals	Conforms
Purity	≥ 99.9%	99.9%
Melting Point	84°C to 86°C	84°C to 86°C
Electrophoresis	To pass test	Conforms
pH (10%, 0.1M NaCl)	6.5 to 7.5	7.0
Conductivity (40%, H ₂ O)	≤ 3.5µmhos	2.1µmhos
Free Acrylic Acid	≤ 10 ppm	< 10ppm
Iron	≤ 1 ppm	< 1ppm
Lead	≤ 1 ppm	< 1ppm
Magnesium	≤ 1 ppm	≤ 1 ppm
DNase/RNase/Protease	None detected	Conforms

Approved by:

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Date: December 19, 2018