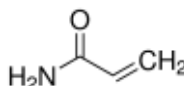


Certificate of Analysis

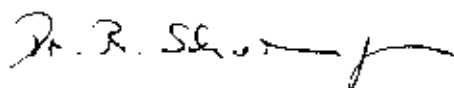
Product Name:

Acrylamide - for molecular biology, ≥99% (HPLC)

Product Number: A9099
Batch Number: BCCK2762
Brand: SIGMA
CAS Number: 79-06-1
Formula: C₃H₅NO
Formula Weight: 71,08 g/mol
Quality Release Date: 01 MAY 2023



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals	Crystals
Free Carboxylic Acid (as Acrylic Acid)	≤ 0.005 %	0.002 %
Purity (HPLC)	≥ 99 %	99 %
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity) 2.5g plus 10ml Water	Clear	Clear
Insoluble Matter	Pass	Pass
< = 0.005 % (Water-Insolubles)		
Heavy Metal (as Lead)	≤ 5 ppm	< 5 ppm
Iron (Fe)	≤ 1 ppm	< 1 ppm
Magnesium (Mg)	≤ 3 ppm	< 3 ppm
Extraneous Activities	None Detected	None Detected
Dnase, Rnase, Protease, Exonuclease None Detected		
Conductivity (μS/cm) (20 C, 35% Solution)	≤ 10 μS/cm	3 μS/cm



Dr. Reinhold Schwenninger
Quality Assurance

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.



Certificate of Analysis

Product Number: A9099
Batch Number: BCCK2762

Buchs, Switzerland CH

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