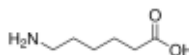


Certificate of Analysis

Product Name:

6-Aminocaproic acid - BioUltra, ≥99%

Product Number: A7824
Batch Number: WXBFB8204V
Brand: SIGMA
CAS Number: 60-32-2
Formula: C₆H₁₃NO₂
Formula Weight: 131,17 g/mol
Quality Release Date: 19 JAN 2026
Recommended Retest Date: JAN 2031



Test	Specification	Result
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
0.5M H ₂ O		
Residue on Ignition (Ash)	≤ 0.1 %	< 0.1 %
Purity (Titration by HCL04)	≥ 99 %	100 %
Infrared Spectrum	Conforms to Structure	Conforms
Insoluble Matter	≤ 0.1 %	< 0.1 %
Chloride (Cl)	≤ 0.05 %	< 0.05 %
Sulfate	≤ 0.05 %	< 0.05 %
Aluminium (Al)	≤ 0.0005 %	< 0.0005 %
Phosphorus (P)	≤ 0.005 %	< 0.005 %
Lead (Pb)	≤ 0.001 %	< 0.001 %
Iron (Fe)	≤ 0.0005 %	< 0.0005 %
Copper	≤ 0.0005 %	< 0.0005 %
Zinc (Zn)	≤ 0.0005 %	< 0.0005 %
Potassium (K)	≤ 0.005 %	< 0.005 %
Ammonia (NH ₃)	≤ 0.05 %	0.01 %
Calcium (Ca)	≤ 0.005 %	< 0.005 %
Magnesium (Mg)	≤ 0.001 %	< 0.001 %
Sodium (Na)	≤ 0.02 %	< 0.02 %

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: A7824
Batch Number: WXBFB8204V



Kang Chen
Quality Manager
Wuxi , China CN

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