

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2026-06-12 10:43:12
Date of Next Testing: 2028-06-11 10:43:12
Product Name: **D-Homocystine**
CAS Number: 6027-15-2
Specifications & Purity: $\geq 98\%$
Lot #: L2208317
SKU #: **D133938**
Version: **0**
Analysis #: **719930**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D(c=1 \text{ in } 1M \text{ HCl})}$	-77--67 (°)	-71.60000 °
Purity(Titration by $HClO_4$)	97.5-102.5 (%)	100.04000 %
Nitrogen by Elemental Analysis	10.1-10.7 (%)	10.46000 %
Carbon by Elemental Analysis	34.9-36.7 (%)	35.20000 %
Water by Karl Fischer	0-5 (%)	0.29000 %
Appearance (D133938)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , 50mg/ml,Clear Colorless To Faint Yellow Solution	Clear Colorless To Faint Yellow Solution	Clear Colorless To Faint Yellow Solution

