

PRODUCT IDENTITY

PRODUCT NAME	D-Homocystine	PRODUCT NUMBER	D133938
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	6027-15-2	FORMULA	C ₈ H ₁₆ N ₂ O ₄ S ₂
FORMULA WEIGHT	268.35g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Specific Rotation [α] _{25/D} (c=1 in 1M HCl)	-77--67 (°)
Purity(Titration by HClO ₄)	97.5-102.5 (%)
Nitrogen by Elemental Analysis	10.1-10.7 (%)
Carbon by Elemental Analysis	34.9-36.7 (%)
Water by Karl Fischer	0-5 (%)
Appearance (D133938)	White to Off-White Powder
Infrared spectrum	Conforms to Structure
Solubility in 1 N HCl , 50mg/ml, Clear Colorless To Faint Yellow Solution	Clear Colorless To Faint Yellow Solution