



CERTIFICATE OF ANALYSIS

Product	L-Methionine
Grade	USP
Product Code	MB0346
Formula	C ₅ H ₁₁ NO ₂ S
MW	149.21
CAS#	63-68-3
Lot No	

Test Items	Specifications	Results
Appearance	White crystals or crystalline powder	
Identification (IR)	Concordant with the reference spectrum	
Assay	98.5%-101.5%	
pH	5.6 ~ 6.1	
Specific Rotation [α] _D ²⁵	+22.4° ~+24.7°	
Chloride	≤0.05%	
Sulfate	≤0.03%	
Iron	≤30ppm	
Heavy Metals	≤15ppm	
Loss on Drying	≤0.30%	
Residue on Ignition	≤0.40%	
Chromatographic purity	Conforms	

Storage: R.T. Keep dry.