



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	L-Methionine
Grade	USP
Product Code	MB0346
Formula	$C_5H_{11}NO_2S$
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 $[\alpha]_D^{25}$	+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.

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