



Bio Basic Inc.

A world leader in serving science

CERTIFICATE OF ANALYSIS

Product	L-Isoleucine
Grade	High Purity
Product Code	IB0914
Formula	$C_6H_{13}NO_2$
MW	131.18
CAS#	73-32-5
Lot No	

Test Items	Specifications	Results
Appearance	White crystalline powder	
Identification (IR)	Concordant with the reference spectrum	
Assay	98.5%-101.5%	
pH	5.5-7.0	
Specific Rotation $[\alpha]_D^{25}$	+38.9°-+41.8°	
Chloride	≤0.05%	
Sulfate	≤0.03%	
Iron	≤30ppm	
Heavy Metals	≤15ppm	
Arsenic	≤1.5ppm	
Loss on Drying	≤0.30%	
Residue on Ignition	≤0.30%	
Organic Volatile Impurities	Meet requirements	

Storage: 18~25°C

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