



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	BIO-227
Product Name	L-Isoleucine
Lot Number	050304
CAS Registry Number	73-32-5
Molecular Formula	$C_6H_{13}NO_2$
Molecular Weight	131.18
Appearance	White crystals or crystalline powder; almost odorless
Identification	Complies
Specific Rotation	+ 40.7 °
Chloride	< 0.05%
Sulfate	< 0.03%
Iron	< 0.003%
Arsenic	< 1.5 ppm
Heavy metals	< 0.0015%
Loss on Drying	< 0.3%
Residue on ignition	< 0.1%
pH	5.9
Assay	99.6%, Free of contaminants.
Retest Date	March 2012