



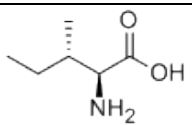
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

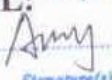
E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC031510203

Product name	L-Isoleucine
CAS Number	73-32-5
Molecule Structure	
Molecule Formula	C ₆ H ₁₃ N ₂ O ₂
Batch number	2015-05-03
Manuf&Exp. Date	2015-05-05, 2017-05-04
Testing date	2015-05-05

Items	Standard	Result
Appearance	White powder	Complies
Assay	98.5%–101.5%	99.50%
Identification	Infrared absorption	Conforms
Specific rotation (20/D)	+38.9° ~ +41.8° (C=1, HCl)	39.90°
PH	5.5–7.0	6.23
Loss on drying	0.3% max	0.18%
Residue on ignition	0.3% max	0.15%
Chloride	0.05% max	0.05%
Sulfate	0.03% max	Conforms
Iron	0.003% max	Conforms
Heavy metals	0.0015% max	Conforms
Organic volatile impurities	Meets the requirements	Conforms
Conclusion: The test result of the above mentioned product meets USP24 standard.		

QUALITY CONTROL: 
Quality Control
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

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