



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	L-Isoleucine
CAS №	73-32-5
Molecular Formular	C₆H₁₃NO₂
Specification Version	USP24
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Appearance	Crystalline powder
Color	Whitish
Identification	Infrared Absorption
Assay	98.5%~101.5%
Specific rotation	+38.9°~ +41.8°
Loss on drying	≤ 0.3%
Residue on ignition	≤ 0.3%
Sulfate	≤0.03%
Chloride	≤0.05%
PH	5.5~ 7.0
Iron	≤30 ppm
Heavy metals	≤15ppm
Arsenic	≤1ppm
Lead	≤3ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Mesh Size	100% pass 40mesh

Microbiology Control

Total plate count	≤1000cfu/g
Yeast and moulds	≤100cfu/g
Salmonella	Absent in 10g
Coliforms	≤50MPN/g

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

QINGDAO SAMIN CHEMICAL CO.,LTD.

A718 Heda Plaza,177 Tailiu Road,Qingdao,China
Tel: +86 532 88960696 Fax: +86 53288960698
contact@saminchemical.com www.saminchemical.com