



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

SPECIFICATION

Product Name	L-Valine
CAS №	72-18-4
Molecular Formular	C₅H₁₁NO₂
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	+26.6°~+28.8°
Loss on drying	≤ 0.3%
Ignited residue	≤ 0.1%
Sulfate	≤ 0.03%
Chloride	≤ 0.05%
PH	5.5 ~ 7.0
Iron	≤ 0.003%
Heavy metals	≤ 15pm
Arsenic	≤ 1pm
Lead	≤ 3pm
Cadmium	≤ 1pm
Mercury	≤ 0.1pm
Microbiology Control	
Total plate count	≤ 1000cfu/g
Yeasts & Molds	≤ 100cfu/g
Salmonella	Absent in 10G
Coliforms	≤ 50cfu/g

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

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