



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

SPECIFICATION

Product Name	L-Arginine Monohydrochloride
CAS No	1119-34-2
Molecular Formula	C₆H₁₅ClN₄O₂
Specification Version	USP38
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Appearance	white or almost white crystalline powder or colorless crystals
Identification	As per USP38
Specific rotation	+21.4° to +23.6°
Loss on drying	≤0.2%
Residue on ignition	≤0.1%
Chloride	16.5% to 17.1%
Sulfate	≤0.03%
Iron	≤0.003%
Heavy metals	≤0.0020%
Chromatographic purity	As per USP38
Organic volatile impurities	as per USP38
Assay	98.5%~101.5%

Microbiology Control

Total plate count	≤ 1000cfu/g
Yeasts & Molds	≤ 100cfu/g
E.coli	Negative
Coliforms	Negative
Salmonella	Negative
Staphylococcus aureus	Negative

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