



青 岛 润 昌 化 工 有 限 公 司

QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	L-Tyrosine
CAS No	60-18-4
Molecular Formula	$C_9H_{11}NO_3$
Specification Version	USP36
Shelf Life	24months
Package	25kg/drum

ITEM

Appearance

Assay

Identification

Test A

Test C(IR)

Specific rotation

Loss on drying

Residue on ignition

Chloride (Cl)

Sulfate (SO_4)

Iron (Fe)

Heavy metals (Pb)

Chromatographic purity

Organic volatile impurities

Residual Solvents

SPECIFICATION

A white or almost white crystalline powder or colourless crystals, very slightly soluble in water, practically insoluble in alcohol

98.5%~ 101.5%

In compliance with the test for specific optical rotation

Infrared Spectrum

-9.8° to -11.2°

Not more than 0.3%

Not more than 0.4%

Not more than 0.04%

Not more than 0.04%

Not more than 0.003%

Not more than 0.0015%

Not more than 0.5% of any individual impurity is Not more than 2.0% of total impurities is found Meet the requirements

Meet the requirements

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