



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

SPECIFICATION

Product Name	L-Tryptophan
CAS No	73-22-3
Molecular Formula	$C_{11}H_{12}N_2O_2$
Specification Version	USP32
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Description	White to slightly yellowish-white crystals or crystalline powder
Assay	98.5%~101.5%
Identification	Infrared absorption
Specific rotation	-29.4°~ -32.8°
Chloride	≤0.05%
Sulfate	≤0.03%
Iron	≤0.003%
Heavy metals	≤0.0015%
Loss on drying	≤0.3%
Residue on ignition	≤0.1%
pH	5.5~7.0

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