



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

SPECIFICATION

Product Name	L-Theanine
CAS No	3081-61-6
Molecular Formular	$C_7H_{14}N_2O_3$
Specification Version	JP2000
Shelf Life	36months
Package	25kg/drum

ITEM	SPECIFICATION
Appearance	White crystals or crystalline powder
Assay	98.0~102.0%
Specific rotation	+7.5°~+8.5°
Transmittance	≥90.0%
Solubility	Clear colorless
Melting point	202~215℃
Sulfate	≤ 0.015%
Chloride	≤ 0.02%
Loss on drying	≤ 0.50%
Residue on ignition	≤ 0.20%
PH	4.5~6.0
Heavy metals	≤ 10ppm
	Lead ≤ 1.0ppm
	Cadmium ≤ 0.5ppm
	Mercury ≤ 0.5ppm
Arsenic	≤ 1pm
Microbiology Control	
Total plate count	≤100cfu/g
Yeasts & Molds	≤100cfu/g
Salmonella	≤100cfu/g
E. coli	Negative

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

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