



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

SPECIFICATION

Product Name	L-Carnitine Base
CAS No	541-15-1
Molecular Formula	$C_7H_{15}NO_3$
Specification Version	USP37
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Appearance	White crystalline powder
Identification	A.Chemical method B.IR method
Specific rotation	-29.0-32.0%
PH	5.5-9.5
Water	$\leq 4.0\%$
Residue on ignition	$\leq 0.5\%$
Residue Acetone	$\leq 0.1\%$
Arsenic	$\leq 1\text{ppm}$
Chloride	$\leq 0.4\%$
Heavy metals	$\leq 10\text{ppm}$
Cyanide	Not Detectable
Sodium	$\leq 0.1\%$
Potassium	$\leq 0.2\%$
Untapped density	0.45g/ml
Tapped density	0.65g/ml
Assay	97.0-103.0%

Microbiology Control

Total plate count	$\leq 1000\text{cfu/g}$
Yeasts & Molds	$\leq 100\text{cfu/g}$
E. coli	Negative
Salmonella	Negative

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

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