



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

SPECIFICATION

Product Name	Aspartame Granular
CAS No	22839-47-0
Molecular Formula	$C_4H_4KNO_4S$
Specification Version	FCCV
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Appearance	White crystalline granular
Particle size	20~60mesh
Assay	98.0~102.0%
Specific rotation	+14.5° ~ +16.5°
Loss on drying	≤ 4.5%
Residue on ignition	≤ 0.2%
Diketopiperazine (DKP)	≤ 1.5% w/w
5-Benzyl-3,6-dioxo-2-piperazineacetic acid	≤ 2.0% w/w
Other related substances	≥ 95.0%
Transmittance	≤ 10ppm
Heavy metals	≤ 2ppm
Arsenic	≤ 1ppm
Lead	4.50 ~6.00
PH	Meet the requirement
Residual Solvents	
Microbiological Characteristics	
Total Aerobic Bacteria	≤ 250 cfu/g
Yeast & Molds	≤ 100 cfu/g
E.coli	Negative/g
Salmonella	Negative/25g

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

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