



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

SPECIFICATION

Product Name	D-Glucosamine Sulfate Potassium Chloride-30 mesh
CAS N°	7784-24-9
Molecular Formular	$(C_6H_{14}NO_5)_2SO_4 \cdot 2KCl$
Specification Version	USP37
Shelf Life	24Months
Package	25kg/drum

ITEM	SPECIFICATION
Appearance	White Crystalline,Free Flowing Powder
Odour	Odourless
Bulk Density	$\geq 0.85g/ml$
As Tapped Density	Meets the requirements
Particle size	$\geq 95\%$ through 30 Mesh
Assay(HPLC)	98.0% ~ 102.0%
Identification	
A:Infrared Absorption	Meets the requirement
B:Tests for Chloride,Potassium an Sulfate	Meets the requirement
C:Retention time in the Assay	Corresponds to the reference standard
Transm	$\geq 90.0\%$
Specific Rotation	$+47^\circ \sim +53.00^\circ$
PH	3.0~ 5.0
Loss on Drying	$\leq 1.0\%$
Residue on Ignition	26.5% ~ 31.0%
Chloride	11.3% ~ 12.3%
Content of Sulfate	15.5% ~ 16.5%
Potassium	11.7% ~ 13.0%
Sodium	Not Precipitate is formed
Heavy Metals	≤ 10 ppm
Iron	≤ 10 ppm
Lead	≤ 0.5 ppm
Arsenic	≤ 1.0 ppm
Mercury	≤ 0.1 ppm
Cadmium	≤ 1 ppm
Organic volatile impurities	Meets the requirement
Residual Solvents	Meets the requirement
Microbiological Characteristics	
Total Aerobic	≤ 1000 cfu/g
Yeast & Mold	≤ 100 cfu/g
E.Coli	Negative in 1g
Salmonella	Negative in 1g
Staphylococcus Aureus	Negative in 10g
Enterobacteria & other gram neg	$\leq 100cfu/g$

Storage: Store in cool and dry place, in a well-closed 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