



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

SPECIFICATION

Product Name	N-Acetyl D-Glucosamine
CAS No	134451-94-8
Molecular Formular	$C_8H_{15}NO_6$
Specification Version	USP37
Shelf Life	24Months
Package	25kg/drum

ITEM

Appearance
Bulk Density
As Tapped Density
Particle size
Assay(HPLC)
Absorb
Specific Rotation
PH(20mg/ml.aq.sol.)
Loss on Drying
Residue on Ignition
Chloride
Melting Range
Heavy Metals
Iron
Lead
Arsenic
Mercury
Cadmium
Organic volatile impurities

SPECIFICATION

White Crystalline,Free flowing Powder
NLT0.45g/ml
Meets the requirements of USP37
NLT90% through 80 Mesh
98.0% ~ 102.0%(on the dried basis)
<0.25a.u.(10.0% water Solut-280nm)
+39° ~ +43.00°
6.0~ 8.0
NMT0.5%
NMT0.1%
NMT0.2%
196-205℃
NMT10 ppm
NMT10 ppm
NMT0.5 ppm
NMT1.0 ppm
NMT0.1 ppm
NMT0.5 ppm
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	≤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