

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **N-Acetyl-D-glucosamine**
Specifications & Purity: **98%**
SKU #: **A105211**

Parameter	Limit Values
Purity(HPLC)	98-100 (%)
Loss on drying	0-1 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	39-43 (°)
Sulfate Ash	0-1 (%)
Heavy metal (as Pb)	0-50 (ppm)
Appearance (A105211)	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure
Solubility in H ₂ O, colorless to faint yellow clear to hazy, 50mg/ml	pass