

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **D(+)-Glucosamine hydrochloride**
Specifications & Purity: DC Grade, ≥95%, Carrier HPMC
SKU #: **D1516198**

Parameter	Limit Values
Appearance(D1516198)	White grain
Specific Rotation $[\alpha]_{20/D(c=2.5 \text{ in H}_2\text{O})}$	67-71 (°)
Loss on drying	0-2 (%)
Residue on Ignition	0-0.2 (%)
pH(2% in H ₂ O)	3.5-5.0
Chloride(Cl)	16.2-16.7 (%)
HPMC	0-5 (%)
Mesh Size(-20 mesh,100%)	Pass
Iron(Fe)	0-10 (ppm)
Arsenic(As)	0-0.5 (ppm)
Heavy metals	0-10 (ppm)
Total Plate Count	0-1000(CFU/g)
Molds and yeasts	0-100 (cfu/g)
E.coli	Not detected
Salmonella	negative
Staphylococcus Aureus	Negative
Content	95-100 (%)