

# Specification

## Technical Data Sheet

<b>Product Name</b>	N-Acetyl-D-glucosamine
<b>Product No</b>	20293490
<b>CAS Number</b>	7512-17-6
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	221.21
	<b>Specification</b>
<b>Appearance</b>	White powder
<b>Arsenic</b>	≤0.5ppm
<b>Heavy metals</b>	≤10ppm
<b>Identification</b>	Conforms to reference
<b>Lead</b>	≤0.5ppm
<b>Loss on Drying</b>	≤0.5%
<b>Melting Point</b>	196 - 205 °C

## Specification

---

<b>pH</b>	6.0 - 8.0
<b>Specific rotation</b>	+39 to +43
<b>Total plate count</b>	≤100CFU/g
<b>Bulk density</b>	≥0.40g/ml
<b>Chloride (Cl)</b>	≤0.1
<b>Iron</b>	≤10ppm
<b>Mercury</b>	≤0.1ppm
<b>Particle Size</b>	100mesh 100% pass
<b>Residue on Ignition</b>	≤0.5%
<b>Yeast &amp; Mold</b>	≤10CFU/g
<b>Assay HPLC</b>	≥ 98.5%

---