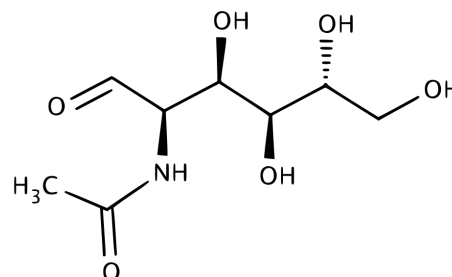


## Product Specification

Product Name	N-Acetyl-D-glucosamine, USP grade
Glentham Code	GC4097
CAS Number	7512-17-6
EINECS	231-368-2
MDL Number	MFCD00061615
Molecular Weight	221.21
Molecular Formula	C <sub>8</sub> H <sub>15</sub> NO <sub>6</sub>
Storage Temp.	-20°C



Property	Specification
Physical Description	White to almost white crystalline powder
Identification (IR)	To conform to standard
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	+39.0 - +43.0 °
Melting Point	196.0 - 205.0 °C
Residue on Ignition	≤ 0.1%
Chloride (Cl)	≤ 0.1%
Iron (Fe)	≤ 10ppm
Loss on Drying	≤ 0.5%
Assay	98.0 - 102.0 %
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2021-03-14

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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