



# INDOFINE Chemical Company, Inc.

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## SPECIFICATION SHEET

<u>Catalog Number:</u>	BIO-484
<u>Product Name:</u>	<b>N-ACETYL-D-GLUCOSAMINE</b>
<u>CAS Number:</u>	[7512-17-6]
<u>Chemical Formula:</u>	C <sub>8</sub> H <sub>15</sub> NO <sub>6</sub>
<u>Molecular Weight:</u>	221.21
<u>Appearance:</u>	White crystalline powder
<u>Melting Point Range:</u>	196-205°C
<u>Residue on Ignition:</u>	≤0.1%
<u>Limit of glucosamine:</u>	≤1.0%
<u>Specific Rotation</u> [α] <sub>D</sub> <sup>20</sup> :	+39.0°-+43.0°
<u>pH:</u>	6.0-8.0
<u>Loss on Drying:</u>	≤0.5%
<u>Purity:</u>	98-99+%

