

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

<b>Catalogue Number</b>	38830
<b>Product</b>	<b>N-Acetyl-D-glucosamine</b> 2-Acetamido-2-deoxy-D-glucose D-GlcNAc
<b>CAS Number</b>	7512-17-6
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>15</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	221.10

---

<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	White to yellowish crystalline powder
<b>Melting Point</b>	196 - 205 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 39 - 43 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Mesh Size</b>	90% through 100 mesh
<b>Purity by HPLC</b>	≥ 95%
<b>Grade</b>	Suitable for cell culture
<b>Storage</b>	Store at RT

**For Laboratory Use Only**