

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	08379
<b>Product</b>	<b><i>N</i><sup>γ</sup>-(2-Acetamido-2-deoxy-β-D-gluco-pyranosyl)-L-asparagine</b> L-Asn(GlcNAc-β-D)-OH
<b>CAS Number</b>	2776-93-4
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>21</sub> N <sub>3</sub> O <sub>8</sub>
<b>Molecular Weight</b>	335.31
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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	Off-white powder
<b>Appearance of Solution</b>	Clear, colorless solution (50 mg/mL in acetic acid 80%)
<b>Water Content (Karl Fisher)</b>	≤ 5%
<b>TLC System</b>	n-butanol/acetic acid/water 4/2/2 isopropanol/ammonia conc. 1/1 plate : silicagel 60 F <sub>254</sub> detected by : UV, ninhydrin, chlorine-tolidine
<b>Assay</b>	≥ 92% (Nth 12.53% by elemental analysis)
<b>Purity by TLC</b>	≥ 99%
<b>ESI-MS</b>	M = 335 ± 1u (average mass)
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**