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Certificate of Analysis

Catalogue Number	08379
Product	<i>N</i>^γ-(2-Acetamido-2-deoxy-β-D-glucopyranosyl)-L-asparagine
Lot Number	000127-1063042
	L-Asn(GlcNAc-β-D)-OH
CAS Number	2776-93-4
Molecular Formula	C ₁₂ H ₂₁ N ₃ O ₈
Molecular Weight	335.31

Appearance	Off-white powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in acetic acid 80%)
Water Content (Karl Fisher)	4.6%
TLC System	n-butanol/acetic acid/water 4/2/2 isopropanol/ammonia conc. 1/1 plate : silicagel 60 F ₂₅₄ detected by : UV, ninhydrin, chlorine-tolidine
Assay	92% (Nfd 11.53% by elemental analysis)
Purity by TLC	> 99%
ESI-MS	M = 335.3u (average mass)
Storage	Store at 0 - 8 °C

Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager