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## Specification Sheet

Product Name: **4-Nitrophenyl 2-acetamido-2-deoxy- $\beta$ -D-glucopyranoside**  
Specifications & Purity: **98%**  
SKU #: **N107918**

Parameter	Limit Values
Carbon by Elemental Analysis	47.6-49.6 (%)
Nitrogen by Elemental Analysis	7.5-8.7 (%)
Free P-Nitrophenol	0-0.05 (%)
Water by Karl Fischer	0-2 (%)
Specific Rotation $[\alpha]_{20}^D(c=0.25 \text{ in H}_2\text{O})$	-17--12 ( $^{\circ}$ )
Purity(TLC)	98-100 (%)
Appearance (N107918)	White to light yellow or off-white powder to crystal
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow,Clear,5 mg/mL	pass
Proton NMR spectrum	Conforms to structure

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