

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **4-Nitrophenyl 2-acetamido-2-deoxy- β -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 ₂ O , Colorless to Faint Yellow,Clear,5 mg/mL	pass
Proton NMR spectrum	Conforms to structure