

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Hexyl β -D-glucopyranoside**
Specifications & Purity: **98%**
SKU #: **H124473**

Parameter	Limit Values
Purity(HPLC)	98-100 (%)
alpha (HPLC)	0-2 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	-35--31 (°)
CMC (H ₂ O)	248-252 (mmol/L)
hexanol(HPLC)	0-0.005 (%)
Conductance(10% solution)	0-40 ($\mu\text{S}/\text{cm}$)
pH	5-8
Appearance (H124473)	White to Off-White Powder
Fluorescence	345 nm $\leq$ 10% (0.1% detergent solution)
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure