

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **n-Hexadecyl β -D-maltoside**
Specifications & Purity: **97%**
SKU #: **H124520**

Parameter	Limit Values
Absorbance(0.1% detergent solution,225 nm)	0-0.3
alpha (HPLC)	0-5 (%)
PH(0.1% Water)	5-8
hexadecanol(HPLC)	0-0.01 (%)
Purity(HPLC)	97-100 (%)
Fluorescence(0.1% detergent solution at 345 nm)	0-10 (%)
Absorbance(0.1% detergent solution,340 nm)	0-0.05
Conductance(0.1% solution)	0-80 (μ S)
Absorbance(0.1% detergent solution,260nm)	0-0.15
CMC(H ₂ O)(0.00003%)	0.0005-0.0007 (mmol/L)
Absorbance(0.1% detergent solution,280 nm)	0-0.1
Appearance (H124520)	White to Off-White Powder or Granules
Proton NMR spectrum	Conforms to Structure
Solubility in H ₂ O(40°C)	pass