

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **n-Dodecyl α -D-maltoside**
Specifications & Purity: **99%**
SKU #: **D124518**

Parameter	Limit Values
CMC (H ₂ O)	0.142-0.162 (mmol/L)
Absorbance(1% detergent solution,340 nm)	0-0.05
Absorbance(1% detergent solution,225 nm)	0-0.25
Absorbance(1% detergent solution,260 nm)	0-0.15
pH	5-8
Purity(HPLC)	98-100 (%)
Absorbance(1% detergent solution,280 nm)	0-0.1
alpha (HPLC)	94-100 (%)
Conductance(10% solution)	0-40 (μ S/cm)
dodecanol(HPLC)	0-0.005 (%)
Appearance (D124518)	white powder
Fluorescence	345 nm \leq 10% (0.1% detergent solution)
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass