

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **2-Cyclohexylethyl β -D-maltoside**
Specifications & Purity: **99%**
SKU #: **C124547**

Parameter	Limit Values
Absorbance(1% detergent solution,280 nm)	0-0.04
Absorbance(1% detergent solution,225 nm)	0-0.1
Absorbance(1% detergent solution,260 nm)	0-0.06
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in MeOH})$	49.5-55.5 ($^{\circ}$)
Conductance(10% solution) cyclohexylpropanol(HPLC)	0-40 ($\mu\text{S}/\text{cm}$) 0-0.005 (%)
Absorbance(1% detergent solution,340 nm)	0-0.02
CMC (H ₂ O)	118-122 (mmol/L)
pH	5-8
Purity(HPLC)	98-100 (%)
CMC(0.15M NaCl)	102-106 (mmol/L)
alpha (HPLC)	0-4 (%)
Appearance (C124547)	Powder
Fluorescence	345 nm \leq 10% (0.1% detergent solution)
Infrared spectrum	Conforms to Structure