

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **n-Octyl- β -D-Thioglucopyranoside**
Specifications & Purity: 99%
SKU #: **O108834**

Parameter	Limit Values
Electric Conductivity(0.5% solution)	0-40 (μ s)
Purity(HPLC)	99-100 (%)
Absorbance 280 nm	0-0.2
alpha (HPLC)	0-2 (%)
Absorbance 260nm	0-0.25
Absorbance 340 nm	0-0.1
Appearance (O108834)	white powder
Aggregation Number (H2O)	~ 189
CMC (H2O)	~ 9 mM1 (0.28%)
dn/dc (H2O)3	0.1562 mL/g
Fluorescence	345 nm \leq 10% (0.1% detergent solution)
Proton NMR spectrum	Conforms to Structure