



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	Octyl-β-D-thioglucopyranoside
Grade	Ultra Pure
Product Code	OJ575 (D0098)
Formula	C ₁₄ H ₂₈ O ₅ S
MW	308.4
CAS#	85618-21-9
Lot No	

Test Items	Specifications	Results
Purity (HPLC)	≥99% β+α	
Percent Anomer	< 2% α (HPLC)	
pH (0.5% sol. In water)	5 - 8	
Solubility (in water at 0-5°C)	≥0.8%	
Conductance (0.5% sol. In water)	<40 μS	
Fluorescence (0.1% solution in water at 345nm)	<10%	
Absorbance of a 1% solution in water		
260nm	<0.25	
280nm	<0.2	
340nm	<0.1	

Storage: -20°C

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