



Specification

n-Octyl- β -D-Thioglucopyranoside

Catalog Number: OT1001
CAS Number: 85618-21-9
Synonym(s): Octyl thioglucoside
Molecular Formula: C₁₄H₂₈O₅S
Molecular Weight: 308.44
Storage: < 0°C
Retest Period: Five years from the date of manufacture

Test	Specification
Appearance	White powder
Purity	≥ 99.0%
Specific Rotation	-52.0° to -54.0°
Melting Point	125°C – 131°C
Solubility (20% in Water)	Clear, colorless, free of particulates
Octanthiol (HPLC)	≤0.001%
Octyl- α -D-thioglucopyranoside	≤0.01%

Approved:

Date: April 6, 2015

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