

Certificate of Analysis

Product Name: N-HEPTYL β -D-GLUCOPYRANOSIDE
BioChemika
Product Number: 51980
Product Brand: Sigma
Molecular Formula: C₁₃H₂₆O₆
Molecular Mass: 278.34
CAS Number: 78617-12-6

TEST	SPECIFICATION	LOT 1373094V RESULTS
APPEARANCE (COLOR)	WHITE TO FAINTLY BEIGE	WHITE
APPEARANCE (FORM)	POWDER TO POWDER WITH LUMPS	POWDER WITH LUMPS
PURITY (TLC AREA %)	≥ 98.0 %	100.0 %
SPECIFIC ROTATION (20/D)	-33.0 ± 2.0 DEGREES	-32.7 DEGREES
CONCENTRATION	--	C=5 IN H ₂ O
CARBON CONTENT	56.10 % (THEORY)	55.49 %
HYDROGEN CONTENT	9.41 % (THEORY)	9.31 %
INFRARED SPECTRUM	CORRESPONDS TO STANDARD SPECTRUM	CORRESPONDS
QC RELEASE DATE	31/JAN/08	
RECOMMENDED RETEST DATE	DEC/13	



Edeltraud Schwärzler, Manager
Quality Control
Buchs, Switzerland

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