



CERTIFICATE OF ANALYSIS

PRODUCT:	n-Octyl-β-D-glucopyranoside [OG], C ₁₄ H ₂₈ O ₆ , M.W. 292.37, CAS# [29836-26-8]
PRODUCT NUMBER:	O-1036
LOT NUMBER:	B1067
APPEARANCE:	Off white powder
SOLUBILITY:	Clear, very pale yellow solution (100mg/ml in water)
PURITY (TLC):	One spot (CHCl ₃ :CH ₃ OH, 9:1)
PURITY (HPLC/RI (area%)):	99.8%
IDENTITY (¹ H-NMR (CDCl ₃)):	Conforms
OPTICAL ROTATION; [α] _D ²⁰ :	-30.0° ± 0.4° (c = 1, CH ₃ OH) -33.6° ± 0.1° (C = 5, H ₂ O)
ABSORBANCE:	0.08 (100 mM at 260 nm, water)
OCTANOL (GC, assay):	0.001%
SPECIFIC ABSORPTION:	0.08 (260nm, 100mM, water)
STORAGE & HANDLING:	Store at +4°C. For long term storage store at -20°C. Store in a tightly sealed vial. Keep under inert gas. PROTECT FROM LIGHT! HYGROSCOPIC! <u>WARNING: IRRITANT!</u>

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT