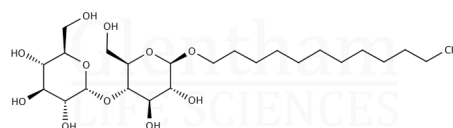


Certificate of Analysis

Product Name	Dodecyl b-D-maltopyranoside, 99%
Glentham Code	GC4399
CAS Number	69227-93-6
Numéro MDL	MFCD00043012
PubChem SID	310272388
Batch Number	968HIP
Molecular Weight	510.62
Molecular Formula	$C_{24}H_{46}O_{11}$
Storage Temp.	-20°C



Property	Specification	Batch 968HIP
Physical Description	White crystalline powder or crystals	White crystalline powder
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (1% in water)	5.0 - 7.0	6.5
Absorbance (1% in water)	240nm: $\leq 0.10\text{au}$	0.03
	260nm: $\leq 0.06\text{au}$	0.02
	280nm: $\leq 0.04\text{au}$	0.02
	340nm: $\leq 0.02\text{au}$	0.01
Fluorescence	$\leq 10.0\%$ (0.1% in water at 345nm)	1.0%
Specific Optical Rotation	+46.0 - +49.0 °	+48.3°
Conductivity (10% in water)	$\leq 40.0\mu\text{S/cm}$	7.0 $\mu\text{S/cm}$
Dodecanol	$\leq 0.005\%$ (HPLC)	$\leq 0.002\%$
Anomers (HPLC)	$\leq 2.0\%$ (HPLC)	$\leq 0.003\%$
Purity (HPLC)	$\geq 99.0\%$	99.7%

Specification Version	v1.1
Manufacture Date	2024-08-29
Re-Test Date	2031-12-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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