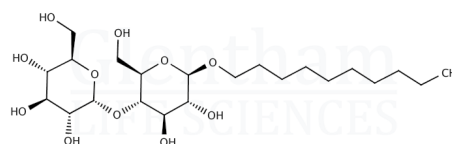


## Certificate of Analysis

Product Name	Decyl b-D-maltopyranoside, 99%
Glentham Code	GC0811
CAS Number	82494-09-5
EINECS	231-791-2
MDL Number	MFCD00061624
PubChem SID	310270922
Batch Number	800RHI
Molecular Weight	482.56
Molecular Formula	$C_{22}H_{42}O_{11}$
Storage Temp.	-20°C



Property	Specification	Batch 800RHI
Physical Description	White powder	White crystalline powder
Solubility (5% in methanol)	Clear, colourless solution	Conforms
Specific Optical Rotation	+52.0 - +54.0 ° (c=4, H <sub>2</sub> O, 20°C)	52.6 °
pH (1% in water)	5.5 - 7.0	6.7
UV Absorption (1% in water)	≤ 0.01 (340nm)	Conforms
	≤ 0.02 (280nm)	Conforms
	≤ 0.04 (260nm)	0.03
	≤ 0.10 (225nm)	0.06
n-Decanol	≤ 0.05%	≤ 0.001%
n-Decyl alpha-Maltoside	≤ 0.05%	≤ 0.01%
Purity (HPLC)	≥ 99.0%	99.5%

Specification Version	v1.0
Manufacture Date	2022-01-15
Re-Test Date	2028-02-25

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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