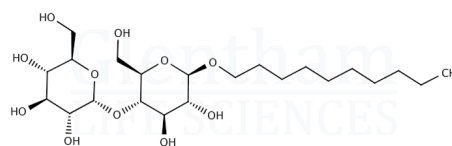


Certificate of Analysis

Product Name Decyl b-D-maltopyranoside, 99%
Glentham Code GC0811
CAS Number 82494-09-5
EINECS 231-791-2
MDL-Nummer MFCD00061624
PubChem SID 310270922
Batch Number 505SUP

Molecular Weight 482.56
Molecular Formula $C_{22}H_{42}O_{11}$
Storage Temp. -20°C



Property	Specification	Batch 505SUP
Physical Description	White powder	White powder
Solubility (5% in methanol)	Clear, colourless solution	Entspricht
Specific Optical Rotation	+52.0 - +54.0 ° (c=4, H ₂ O, 20°C)	+52.8°
pH (1% in water)	5.5 - 7.0	6.7
UV Absorption (1% in water)	≤ 0.01 (340nm)	0.006
	≤ 0.02 (280nm)	0.01
	≤ 0.04 (260nm)	0.02
	≤ 0.10 (225nm)	0.03
n-Decanol	≤ 0.05%	≤ 0.001%
n-Decyl alpha-Maltoside	≤ 0.05%	≤ 0.01%
Purity (HPLC)	≥ 99.0%	99.9%

Specification Version v1.0
Manufacture Date 2024-05-10
Re-Test Date 2030-08-21

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025