

n-Decyl- β -D-Maltoside
BIOMOL Prod. - No. 56250

Lot - No.:	2418
CAS - No.:	82494-09-5
Formula:	C ₂₂ H ₄₂ O ₁₁
Molecular Weight:	482.57
Storage:	- 20°C, dry
spec.opt. rotation:	[α] _D +53° (c = 4: water, 20°C)
Thermal transition:	89.1°C (smetic A) 208.0°C (isotropic)
Purity:	99.75% (HPLC RP18 MeOH/H ₂ O, RI)
Contaminants:	
n-Decanol	< 0.001% (HPLC)
n-Decyl-α-maltoside	< 0.01% (HPLC, TLC)
Physical Specification:	
pH (1% solution)	6.7
Conductance:	7.2 μ S (10% aq. solution)
Fluorescence:	Solvent: 0.01% BSA - Detergent conc.: 0.1% Excitation wavelength: 280 nm Emission wavelength: 345 nm
% due to detergent:	0.69%
Absorbance:	Solvent: H ₂ O - Concentration: 1%
340 nm:	0.006
280 nm:	0.019
260 nm:	0.034
225 nm:	0.062

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