

# Specification

Item number: 20L4

## Dodecyl- $\beta$ -D-maltoside (DDM)

**$\geq 99,5$  %, Ultra Quality**

CAS No.: 69227-93-6

print date: 01.01.2024

formula:  $C_{24}H_{46}O_{11}$

density:

storage temperature:  $-20$  °C

molecular weight: 510,63 g/mol

### Type analysis

Purity (HPLC)	$\geq 99,5$ %
Dodecanol (HPLC)	$\leq 0,002$ %
$\alpha$ -Anomer (HPLC)	$\leq 0,003$ %
Specific rotation $[\alpha]_D^{20}$ (c=1 in water)	$48,0 \pm 1^\circ$
Conductance (10 % H <sub>2</sub> O)	5.5-7.5 $\mu$ S/cm
pH-value (1 %)	5.5-6.5
Solution (10 % in H <sub>2</sub> O)	clear, colourless
Solution (10 % in ethanol)	clear, colourless

### Absorbance:

280 nm	$\leq 0,03$
340 nm	$\leq 0,02$

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

Head of Quality Assurance

**S. Lorsee**

Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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