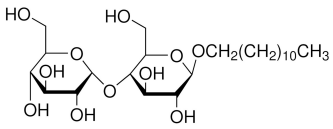
3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigma-aldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name : **n-Dodecyl β-D-maltoside ≥98% (GC)**
Product Number : **D4641-VAR**
Batch Number : **0000499025**
Source Batch : 0000484311
CAS Number : 69227-93-6
MDL Number : MFCD00043012
Storage Temperature : -20°C
Molecular Formula : $C_{24}H_{46}O_{11}$
Formula Weight : 510.62 g/mol
Quality Release Date : 16 Sep 2025



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear to Very Slightly Hazy	Clear
50 mg/mL, H2O		
Water (by Karl Fischer)	≤ 1.5 %	0.1 %
Carbon (anhydrous)	55.3 - 57.6 %	56.6 %
Purity (GC)	≥ 98 %	100 %
1H NMR Spectrum	Conforms to Structure	Conforms

J. Yasomanee

Jagodige Yasomanee, Supervisor
Quality Assurance
St. Louis, Dekalb
US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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