



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-286816
Lot Number: SAMPLE
Product Name: Tetradecyl b-D-maltopyranoside
CAS Number: 18449-82-6
Molecular Formula: $C_{26}H_{50}O_{11}$
Molecular Weight: 538.67

Test	Result
Purity (HPLC)	99.1%
pH	6.5 (1% solution)
Solubility	Soluble in water \geq 20% at 20 °C
Absorbance	340 nm: 0.025 280 nm: 0.064 260 nm: 0.088 225 nm: 0.194
Content	Alpha: 3.19%
Excitation Wavelength	280 nm
Wavelength	emission wavelengh: 345 nm
Alcohol	< 0.005%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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