



CERTIFICATE OF ANALYSIS

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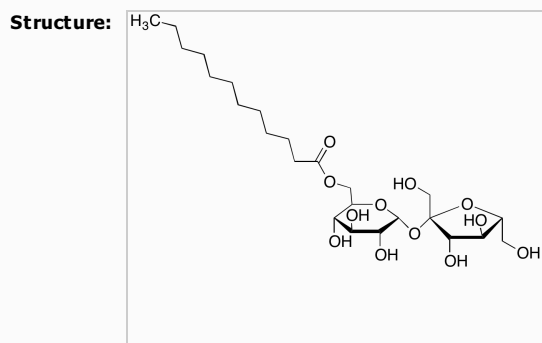
1. Identification

Catalogue Number: S080898

CAS Number: 25339-99-5

Synonym: Cane Sugar Monolaurate; D 1216; DK Ester L 160; DK Ester S-L 18A; LWA 1570; Nitto Ester LW 1540; Nitto LW 1540; Ryoto LWA 1570; Ryoto Sugar Ester LWA 1540; Ryoto Sugar Ester LWA 1570; Ryoto Sugar Ester SM 1200; SM 1200; Saccharose Laurate; Sucrose Lauric Acid Ester; Sucrose Lauric Acid Monoester; Sucrose Lauryl Ester; Sucrose Monododecanoate; Sucrose Monolaurate; Sucrose Monolauryl Ester; Surfhope SE Cosme C 1216; Surfhope SE Pharma D 1216; Dodecanoyl D-Sucrose;

Product: Sucrose Monolaurate



Molecular Formula:

C₂₄H₄₄O₁₂

Molecular weight:

524.6

Source of Product:

N/A

Solubility:

No Data Available

Lot Number: 2023-GHZ-157

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.02, %H: 8.88
HPLC Purity	Report Result	98.10% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+43.9° (c = 0.2, Methanol)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	4/14/2023	4/12/2027
				