



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

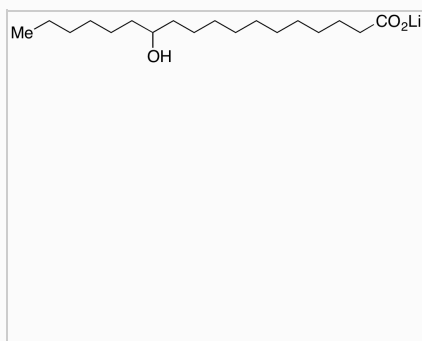
Catalogue Number: H953785

CAS Number: 7620-77-1

Product: 12-Hydroxystearic Acid Lithium Salt

Synonym: 12-Hydroxy-octadecanoic acid monolithium salt; Daiwax OHL; LS 6; Lithium 12-hydroxyoctadecanoate; Lithium 12-hydroxystearate; OHL; S 7000H; S 700H

Structure:



Molecular Formula:

C₁₈H₃₅LiO₃

Molecular weight:

306.41

Source of Product:

N/A

Solubility:

Methanol (Slightly)

Lot Number: 2023-QIU-142

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.35% (ELSD)
MS	Conforms to Structure	Conforms
Lithium Content	Report Result	1.98% by Ion Chromatography
Elemental Analysis	Conforms	%C: 71.01, %H: 12.00

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
Henry Tieu	Toni Rantanen	Chanell Chu	3/15/2023	3/13/2027