



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

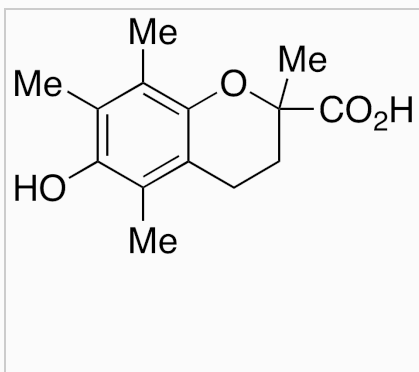
Catalogue Number: T892560

CAS Number: 53188-07-1

Synonym: 3,4-Dihydro-6-hydroxy-2,5,7,8-tetramethyl-2H-1-benzopyran-2-carboxylic Acid; (±)-3,4-Dihydro-6-hydroxy-2,5,7,8-tetramethyl-2H-1-Benzopyran-2-carboxylic Acid; (R,S)-6-Hydroxy-2,5,7,8-tetramethyl-2-chromanecarboxylic Acid; (±)-6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid; (±)-Trolox; 6-Hydroxy-2,5,7,8-tetramethyl-3,4-dihydro-2H-chromene-2-carboxylic Acid; 6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic Acid; Trolox C

Product: Trolox

Structure:



Molecular Formula:

C₁₄H₁₈O₄

Molecular weight:

250.29

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-LXM-38-1

Purity: 97%

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 Dark Beige Solid	Pale Beige to Light Beige Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.46% (205 nm)
MS	Conforms to Structure	Conforms

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
swathi reddy	Toni Rantanen	Chanell Chu	1/18/2024	1/16/2031

