



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

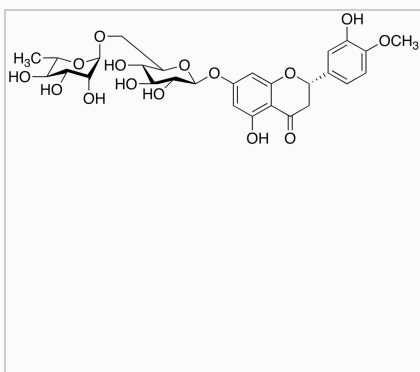
Catalogue Number: H281185

CAS Number: 520-26-3

Product: Hesperidine

Synonym: (2S)-7-[[6-O-(6-Deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-1-benzopyran-4-one; (2S)-Hesperidin; Atripleside B; Cirantin; Hesperetin 7-Rutinoside; NSC 44184; Diosmin EP Impurity B

Structure:



Molecular Formula:

$C_{28}H_{34}O_{15}$

Molecular weight:

610.56

Source of Product:

N/A

Solubility:

DMSO (Slightly), Pyridine (Slightly, Sonicated)

Lot Number: 9-GHZ-121-1

Purity: 93%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Yellow Solid	Pale Yellow to Light Yellow Solid
HPLC Purity	Report Result	92.82% (285 nm)
NMR	Conforms to Structure	Conforms
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 $\pm 2\%$. 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
Eric Beaton	Toni Rantanen	My Nguyen	6/1/2020	5/30/2030