



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

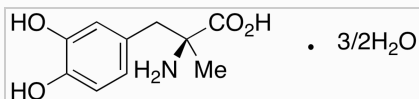
Catalogue Number: M303795

CAS Number: 41372-08-1

Product: L-α-Methyl DOPA Hydrate

Synonym: 3-Hydroxy-α-methyl-L-tyrosine Hydrate; (-)-α-Methyldopa Hydrate; (-)-Methyldopa Hydrate; (S)-α-Methyldopa Hydrate; α-Methyl-L-3,4-dihydroxyphenylalanine Hydrate;

Structure:



Molecular Formula:

C₁₀H₁₃NO₄•3/2H₂O

Molecular weight:

238.21

Source of Product:

N/A

Solubility:

Methanol (Sparingly), Water (Slightly)

Lot Number: 1-SCC-3-1

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 to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.47, %H: 6.81, %N: 5.86
HPLC Purity	Report Result	100.00% (225 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-13.1° (c = 0.2, Water)
Water Content	Report Result	11.6% by Karl Fischer

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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	9/20/2022	9/18/2029