



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

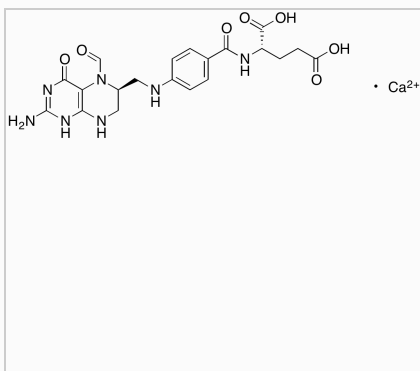
Catalogue Number: C145635

CAS Number: 80433-71-2

Product: Calcium Levofolate

Synonym: N-[4-[(2-Amino-5-formyl-1,4,5,6,7,8-hexahydro-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamic Acid Calcium Salt; N-[4-[[[(6S)-2-Amino-5-formyl-1,4,5,6,7,8-hexahydro-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamic Acid Calcium Salt; S)-Leucovorin Calcium Salt; 5-Formyl-(6S)-tetrahydrofolate calcium salt; CL 307782; Calcium (6S)-folinate

Structure:



Molecular Formula:

$C_{20}H_{23}CaN_7O_7$

Molecular weight:

513.13

Source of Product:

N/A

Solubility:

DMSO (Very Slightly, Heated),
Water (Slightly, Sonicated)

Lot Number: 3-DAR-108-1

Purity: 95%

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	Off-White to Pale Beige Solid	Off-White to Pale Yellow Solid
Elemental Analysis	Conforms	%C: 42.35, %H: 4.75, %N: 16.75
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.12% (290 nm)
Calcium Content	Report Result	6.69% by Ion Chromatography
Specific Rotation	Report Result	-7.0° (c = 0.5, Water)
Water Content	Report Result	10.0% by Karl Fischer

Additional Information: Contains: ~1.9% Ethanol

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
Nicole Yip	Toni Rantanen	Chanell Chu	11/29/2021	11/27/2025
				