



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

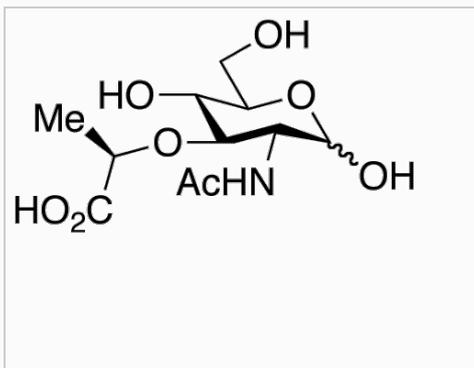
Catalogue Number: A148265

CAS Number: 10597-89-4

Product: 2-Acetamido-3-O-(D-1-carboxyethyl)-2-deoxy-2-D-glucose

Synonym: N-Acetylmuramic Acid;

Structure:



Molecular Formula:

C₁₁H₁₉NO₈

Molecular weight:

293.27

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 2022-JPO-033

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 Solid	White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (ELSD)
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 44.26, %H: 7.22, %N: 4.27
Specific Rotation	Report Result	+39.4° (c = 0.1, Water; 24 Hours)

Additional Information: Contains: ~9.1% Methanol

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
Sarbjeeet Kaur	Toni Rantanen	Christina Gouliaras	11/23/2022	11/21/2026