



CERTIFICATE OF ANALYSIS

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1. Identification

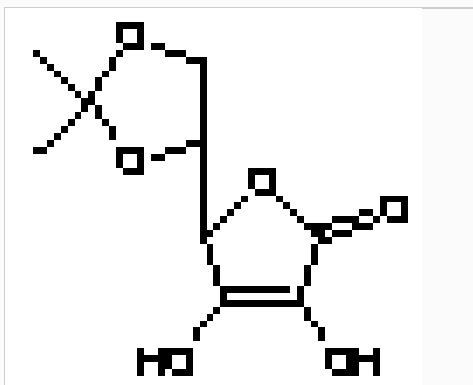
Catalogue Number: A787000

CAS Number: 15042-01-0

Product: Ascorbic Acid Acetonide

Synonym: 5,6-O-Isopropylidene-L-ascorbic Acid; NSC 252042;

Structure:



Molecular Formula:

C₉H₁₂O₆

Molecular weight:

216.19

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-FRA-36-1

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 | White to Off-White Solid | Off-White Solid |
| Elemental Analysis | Conforms | %C: 49.35, %H: 5.41 |
| MS | Conforms to Structure | Conforms |
| Specific Rotation | Report Result | +9.8° (c = 0.2, Methanol) |
| NMR | 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 |
|-------------|---------------|--------------------|-----------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 9/19/2023 | 9/17/2027 |