



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

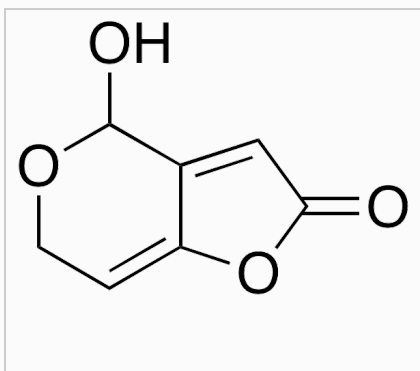
Catalogue Number: P206500

CAS Number: 149-29-1

Product: Patulin

Synonym: 4-Hydroxy-4H-furo[3,2-c]pyran-2(6H)-one; Clairformin; Clavacin; Clavatin; Claviformin; DL-Patulin; Expansin; Expansine; Mycoin; Mycoin C; Mycoin C3; NSC 32951; NSC 8120; Patuline; Penicidin; Terinin;

Structure:



Molecular Formula:

C₇H₆O₄

Molecular weight:

154.12

Source of Product:

Synthetic

Solubility:

Acetone (Slightly), Methanol (Slightly, Heated)

Lot Number: 4-YMK-42-4

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1: Hygroscopic

Warning 2: Toxic

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Yellow Solid	Pale Yellow to Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 54.77, %H: 4.17
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.78% (280 nm)

Additional Information:

TLC Conditions: SiO₂; Ethyl Acetate : Hexanes = 6 : 4; Visualized with UV, AMCS, and KMnO₄; Single Spot, R_f = 0.45. Elemental Analysis: (Theoretical) %C: 54.55, %H: 3.92

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
Eric Beaton	Toni Rantanen	My Nguyen	2/26/2020	2/24/2027