

# **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 R414477 CAS 1646818-35-0 Number:

**Synonym:** 1-β-D-Ribofuranosyl-1H-1,2,4-triazole-3-

carboxamide-13C5; Copegus-13C5; ICN 1229-13C5; MegaRibavirin-13C5; NSC

163039-13C5; Ravanex-13C5; Rebetol-13C5; Ribamide-13C5; Ribamidil-13C5; Ribasphere-13C5; Ribavarin-13C5; Tribavirin-13C5; Vilona-13C5; Viramid-13C5; Virazole-13C5;

Virizadole-13C5;

Molecular Formula:

C313C5H12N4O5

Molecular weight:

249.17

Source of Product:

Synthetic Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

**Purity:** 97%

Storage

Condition: -20°C

Number:

Product: Ribavirin-13C5

Structure:

NH<sub>2</sub>

Lot 27-SDJ-64-1 **Number:** 

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

2. Warning

Warning 1: Warning 2: Warning 3:

## 3. Analytical Information

Results: Tests: Specifications: White Solid White to Light Yellow Solid **Appearance** Conforms **NMR** Conforms to Structure C NMR Conforms to Structure Conforms

Elemental Analysis Conforms %C: 37.03, %H: 5.14, %N: 21.81

**HPLC Purity** >95% 99.23% (230 nm)

MS Conforms to Structure Conforms

**Isotopic Purity** >95% 99.3% (d0 = 0.00%)Water Content Report Result 3.7% by Karl Fischer -34.8° (c = 0.2, Water) Specific Rotation Report Result

**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 Chanell Chu

8/25/2021

**Test Date** 

**Retest Date** 

Meenakshi Sharma

Toni Rantanen

8/23/2025

