

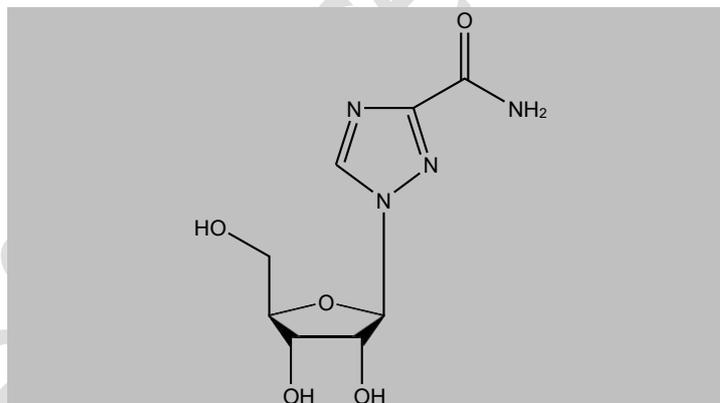
Certificate Of Analysis Quality Control Testing and Research Application

COA Preparation Date: 05/01/2017
COA Revision Date: 05/01/2020

Product: Ribavirin
Cat. No.: NB-48-0802
Batch No.: 0306BG/01
Chemical Name: 1- β -D-Ribofuranosyl-1*H*-1,2,4-triazole-3-carboxamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₈H₁₂N₄O₅
Batch Molecular Weight: 244.20
CAS No.: [36791-04-5]
Physical Appearance: White crystalline powder
Melting Point: 174 - 176° C
Solubility: Soluble to 142 mg/ml in water
Storage: RT
Batch Molecular Structure:



Product Description: A nucleoside antimetabolite antiviral agent that blocks nucleic acid synthesis and is used against both RNA and DNA viruses.

References: 1. Feld and Hoofnagle (2005) Nature 436:967; 2. Parker (2005) Virus Res 107:165

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NB-48-0802 Ribavirin

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Specific rotation: -35.4° ($[\alpha]_D$) (complies); pH: 4.3 (complies); Loss on drying: 0.24% (complies); Residue on ignition: 0.03% (complies); Heavy Metals: < 10 ppm (complies); Assay: 99.6% (complies).

For reference only

- CAUTION - Not fully tested. For Research use only. Not for human use. –

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