

# CERTIFICATE OF ANALYSIS

Product Description RIBAVIRIN  
USP GRADE  
1-β-D-RIBOFURANOSYL-1,2,4-TRIAZOLE-3-CARBOXAMIDE; VIRAZOLE

Product Number R795

Lot Number HHA0795002

Storage Temperature 2-8°C

Molecular Weight 244.2 g/mol

Formula C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub>

CAS Number 36791-04-5

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 20 mg/mL	Passes
pH	Under Development	5.6
Physical Appearance		
Color	PM-1 to PM-4	PM-1 White
Texture	Crystalline Powder	Powder
Solution Appearance		
Color	Clear	Clear
Clarity	Colorless	Colorless
Average time to dissolve	For Information Only (Approx. 5 mins)	Passes
Insolubles	None	Passes
FTIR	Conform to Structure	Passes
Assay	Minimum 98.9 %	99.70%

## **Biological Testing:**

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Achimenes	Passes
	Begonia	Passes

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Date of Release: 20-April-2020  
Recommended Shelf Life Date: April-2025



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