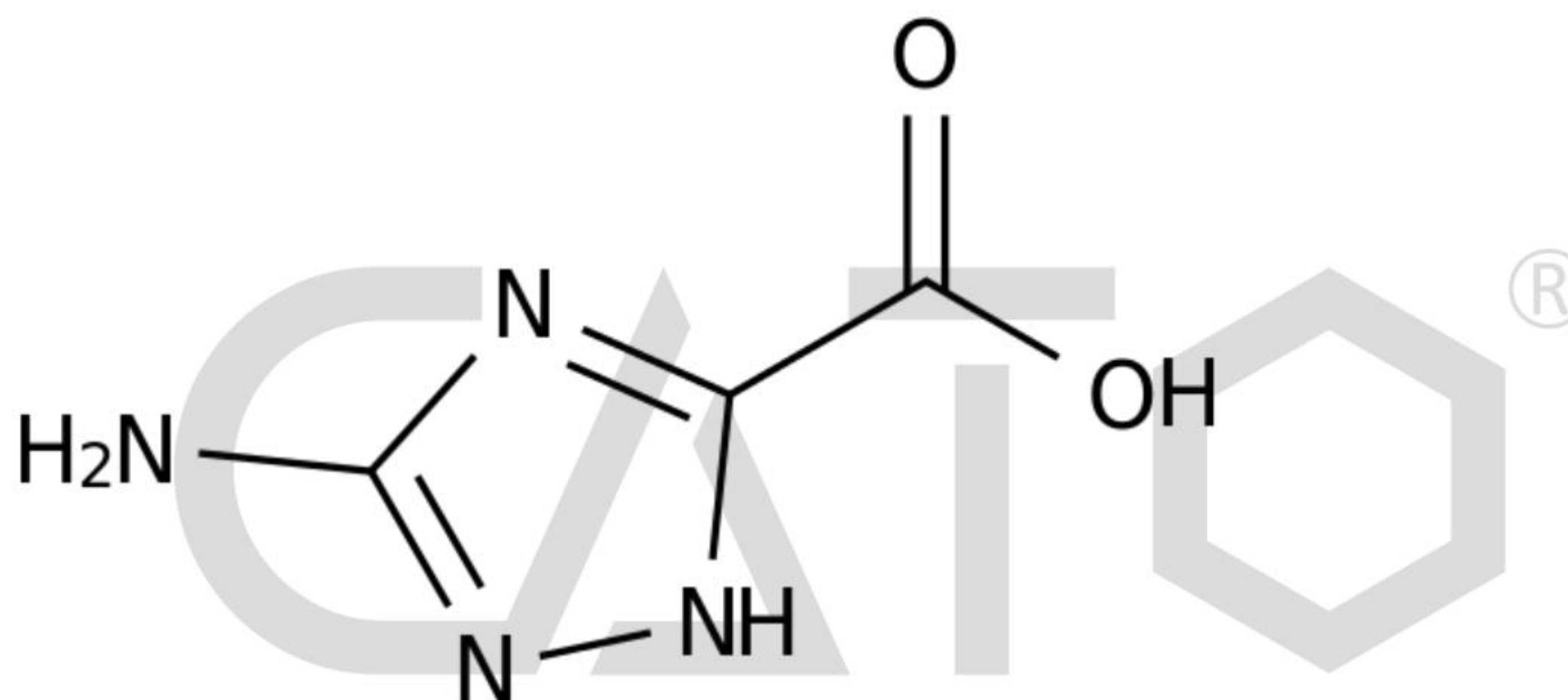


Certificate of Analysis

Reference Material & Standard

Product Name:	Ribavirin Impurity 52	Catalogue Number:	C4X-141352
Synonyms:	5-amino-1H-1,2,4-triazole-3-carboxylic acid	Lot Number:	0323-RH-0173
CAS Number:	3641-13-2	Expiry Date:	Apr 08, 2030
Molecular Formula:	C ₃ H ₄ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	128.09	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&UV&CNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0105%
Assay		99.99%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 09, 2026

Date: Apr 09, 2026

Date: Apr 09, 2026



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