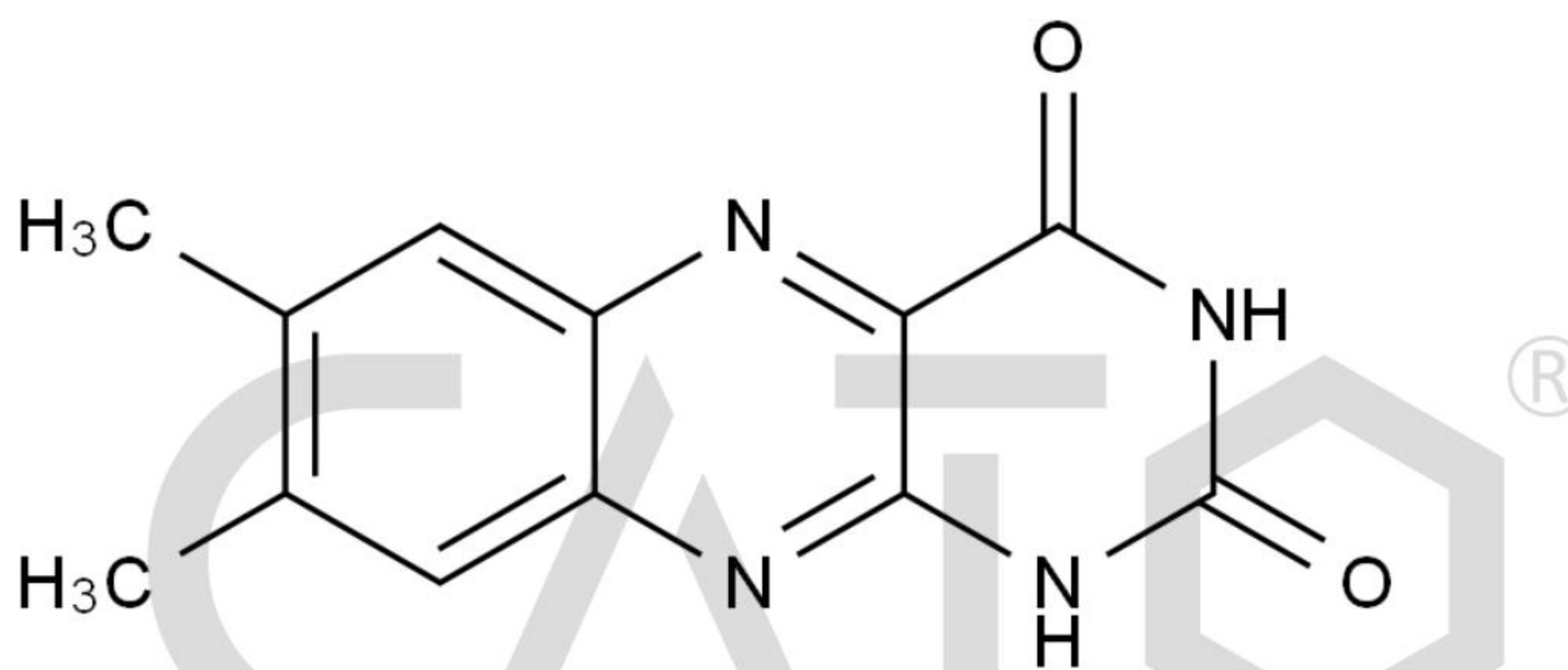


Certificate of Analysis

Reference Material & Standard

Product Name:	Riboflavin EP Impurity B	Catalogue Number:	C4X-18196
Synonyms:	N/A	Lot Number:	1215-RG-0192
CAS Number:	1086-80-2	Expiry Date:	Dec 16, 2029
Molecular Formula:	C ₁₂ H ₁₀ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	242.23	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.868%
Loss on Drying	TGA	0.1088%
Assay		99.8%

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: Dec 17, 2025

Date: Dec 17, 2025

Date: Dec 17, 2025



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