

Certificate of Analysis

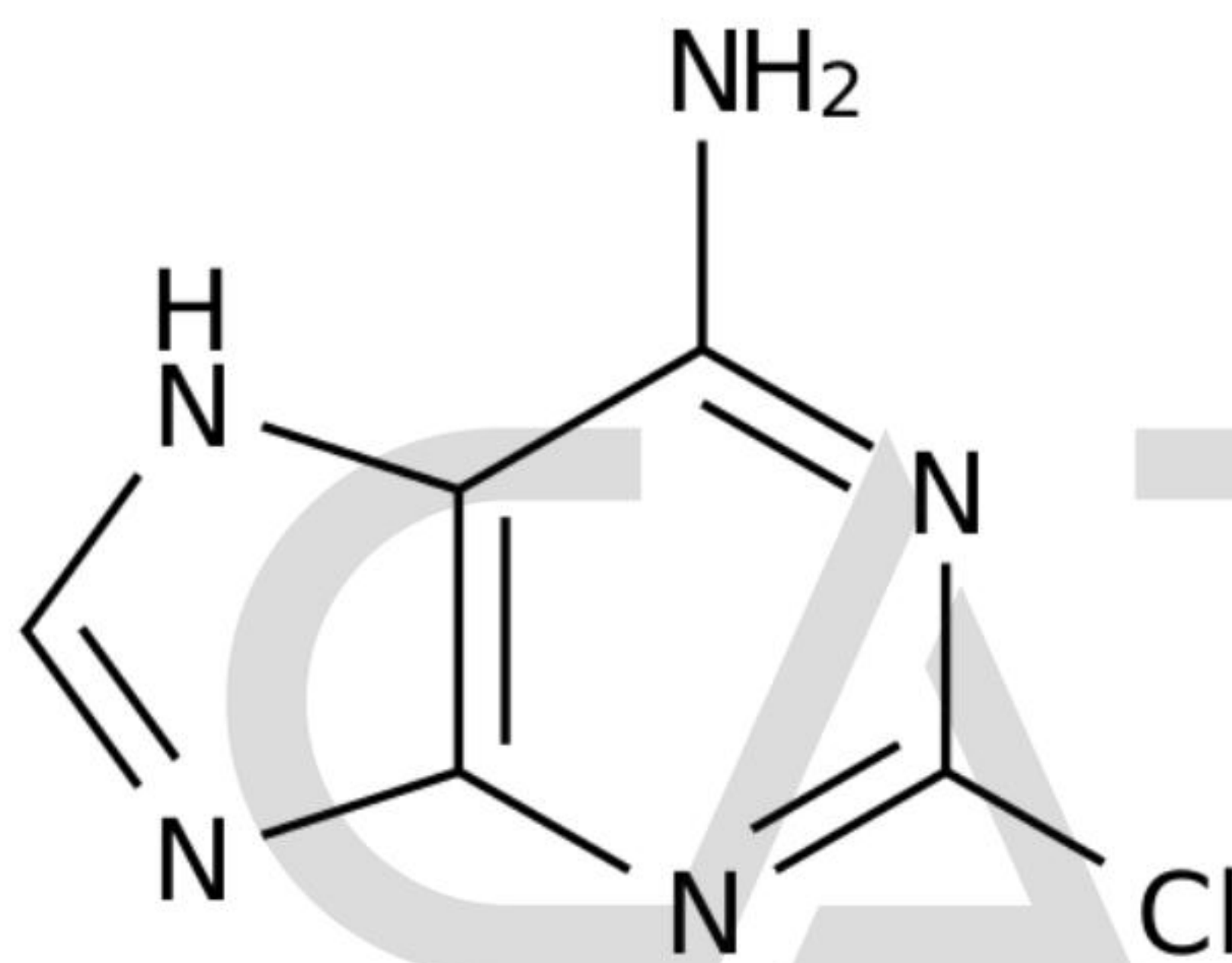
Reference Material & Standard

Product Name:	Cladribine EP Impurity C	Catalogue Number:	C4X-15931
Synonyms:	N/A	Lot Number:	0809-RF-0029
CAS Number:	1839-18-5	Expiry Date:	Aug 12, 2027
Molecular Formula:	C ₅ H ₄ ClN ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	169.57	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.705%
Loss on Drying	TGA	0.1087%
Assay		99.6%

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:

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Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 13, 2024

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Page 1 of 6



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