

Certificate of Analysis

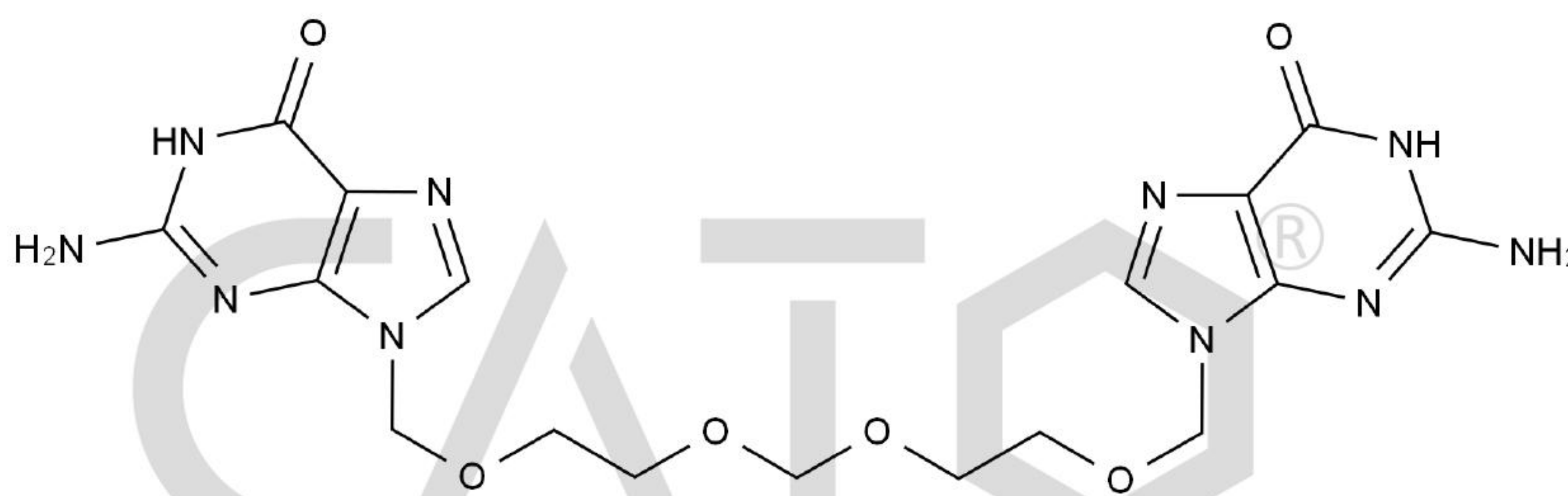
Reference Material & Standard

Product Name:	Aciclovir EP Impurity R	Catalogue Number:	C4X-101018
Synonyms:	N/A	Lot Number:	0528-RG-0069
CAS Number:	N/A	Expiry Date:	May 26, 2028
Molecular Formula:	C ₁₇ H ₂₂ N ₁₀ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	462.42	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.515%
Water Content	Karl Fischer	2.3818%
Residue on Ignition	TGA	3.2201%
Assay		90.2%

Comment:

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

Assay (%) = (100% - Water Content - Residue on Ignition) * Purity HPLC (%) / 100%

Water Content and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 11, 2026

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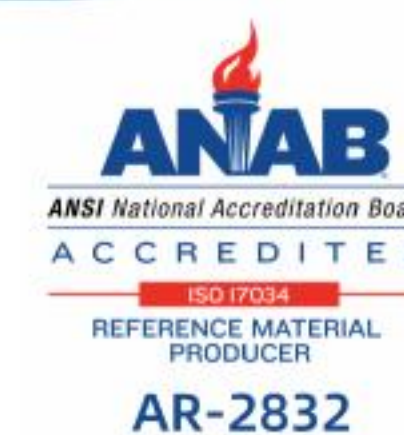
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