

Certificate of Analysis

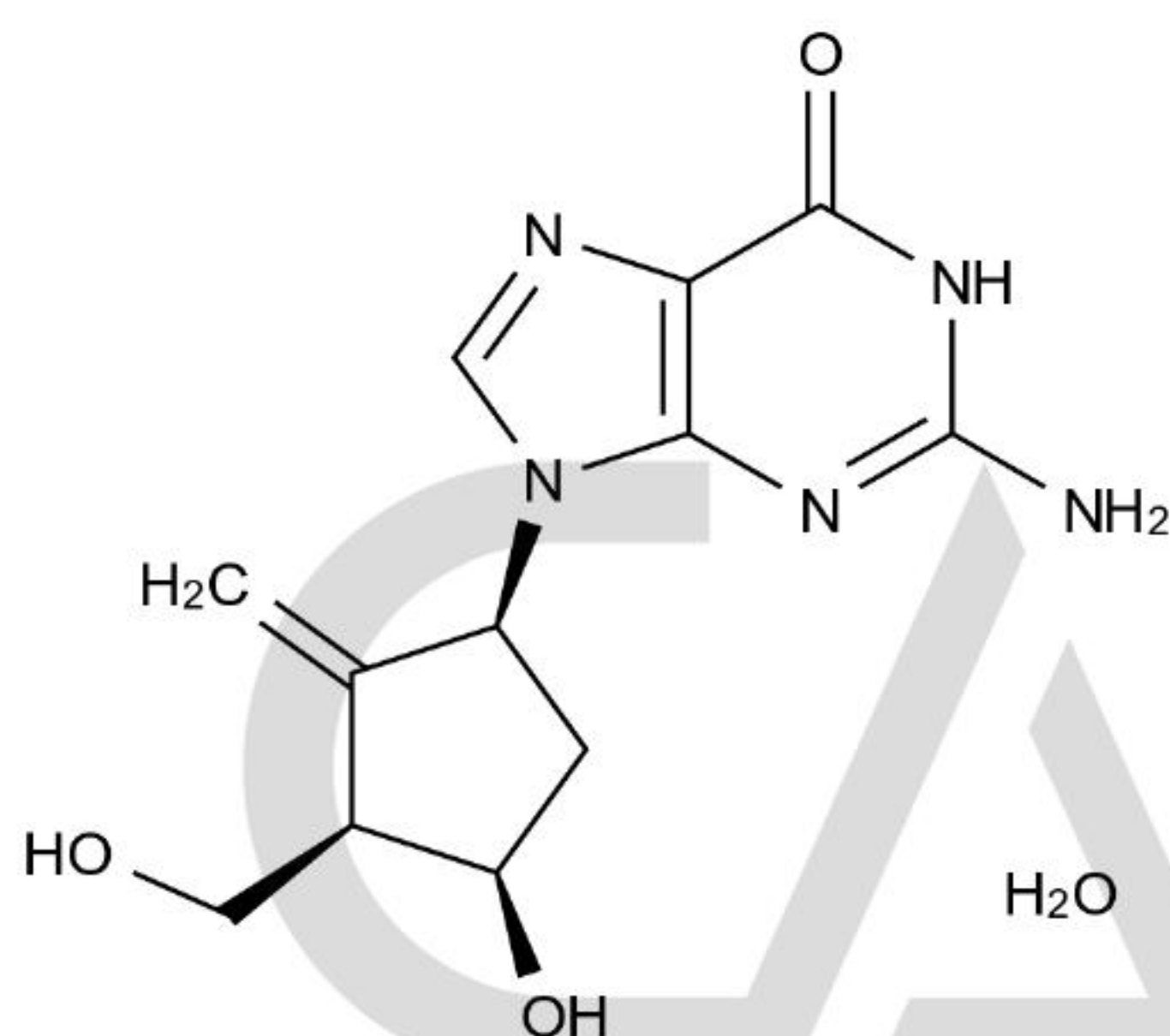
Reference Material & Standard

Product Name:	1S 3R 4R-Entecavir	Catalogue Number:	C4X-107737
Synonyms:	N/A	Lot Number:	0529-RE-0063
CAS Number:	1367369-80-9(free base)	Expiry Date:	Sep 27, 2025
Molecular Formula:	C ₁₂ H ₁₅ N ₅ O ₃ H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	277.28 18.02	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.171%
Water Content	Karl Fischer	0.30%
Assay		96.9%

Comment:

- Catalogue Number has been changed from "C4X-107711" to "C4X-107737". Therefore some of the graphs shown below were named by "C4X-107711".
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 07, 2024

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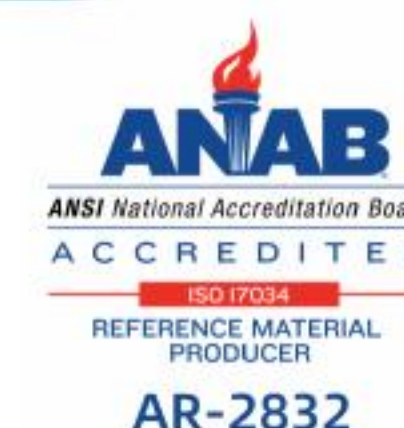
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