

Certificate of Analysis

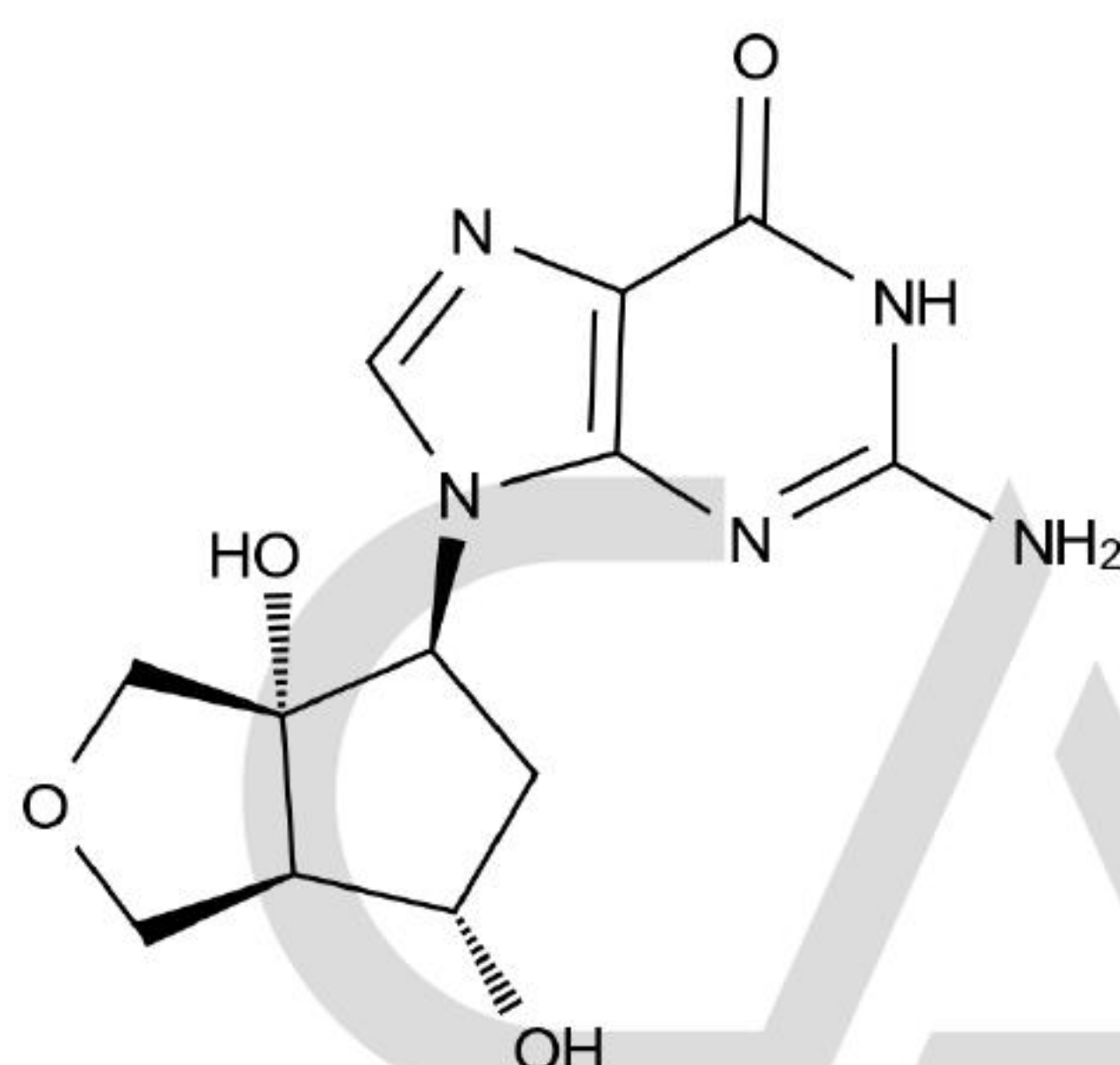
Reference Material & Standard

Product Name:	Entecavir Impurity C182	Catalogue Number:	C1824841
Synonyms:	N/A	Lot Number:	0917-RH-0027
CAS Number:	1984788-96-6	Expiry Date:	May 19, 2030
Molecular Formula:	C ₁₂ H ₁₅ N ₅ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	293.28	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.629%
Water Content	Karl Fischer	4.79%
Residual Solvents	NMR	0.09% methanol
Assay		93.8%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 18, 2026

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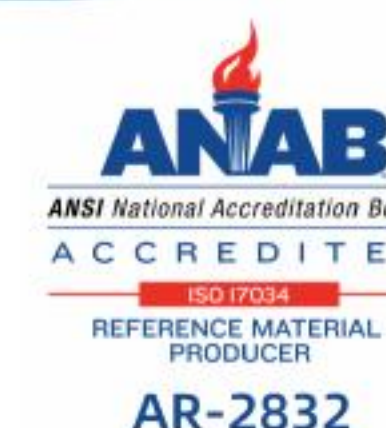
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Page 1 of 6



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