

Certificate of Analysis

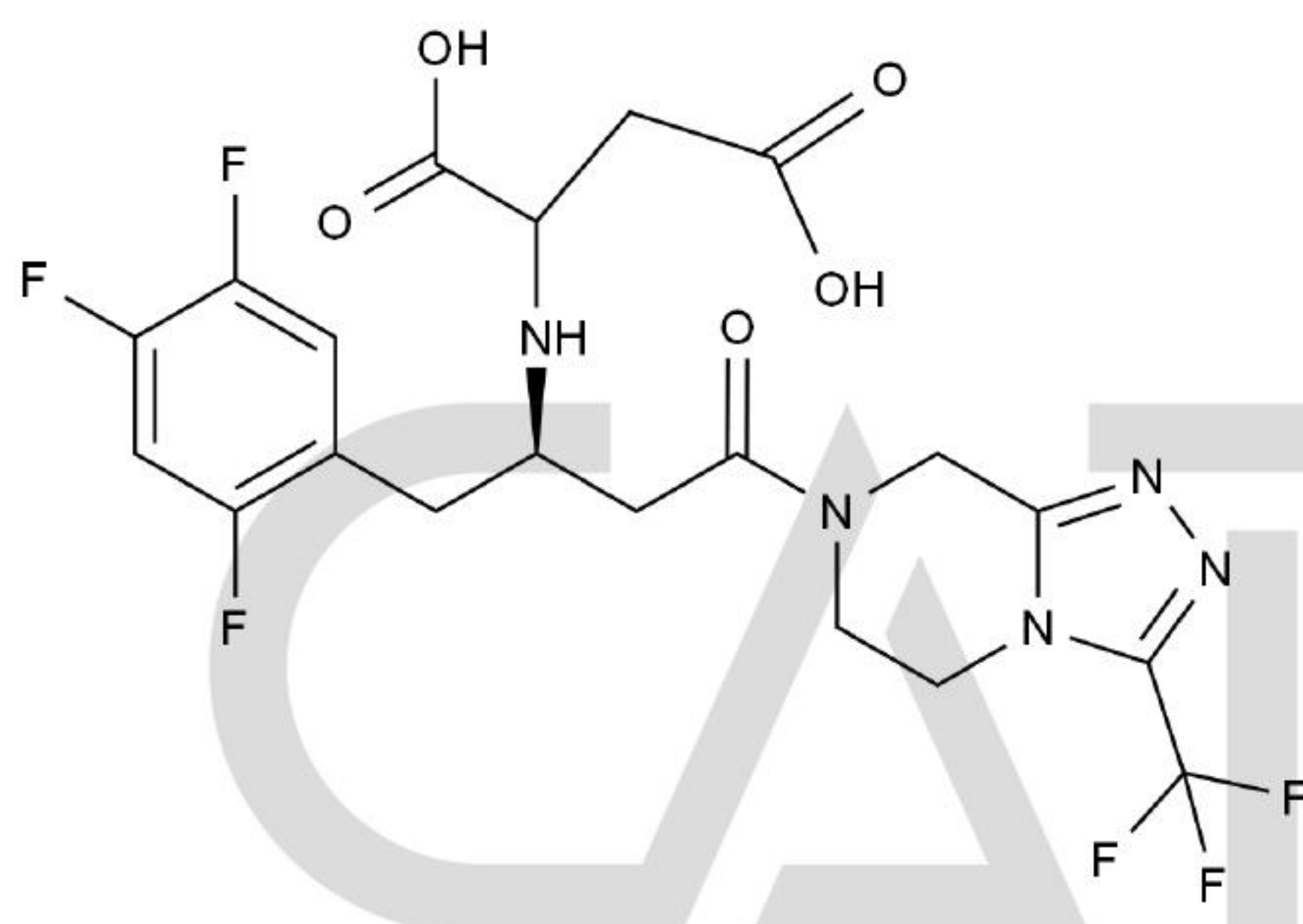
Reference Material & Standard

Product Name:	Sitagliptin Tablets EP Impurity FP-A	Catalogue Number:	C4X-114421
Synonyms:	N/A	Lot Number:	0821-RG-0056
CAS Number:	2088771-60-0	Expiry Date:	Aug 24, 2029
Molecular Formula:	C ₂₀ H ₁₉ F ₆ N ₅ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	523.39	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.021%
Loss on Drying	TGA	5.4965%
Assay	Mass Balance	92.6%

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:

Reviewed by:

Approved by General Manager:

Date: Jun 25, 2026

Date: Jun 26, 2026

Date: Jun 26, 2026



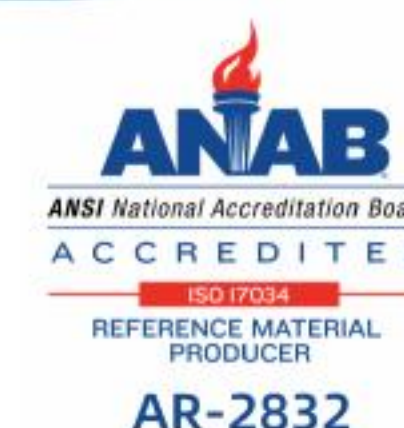
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