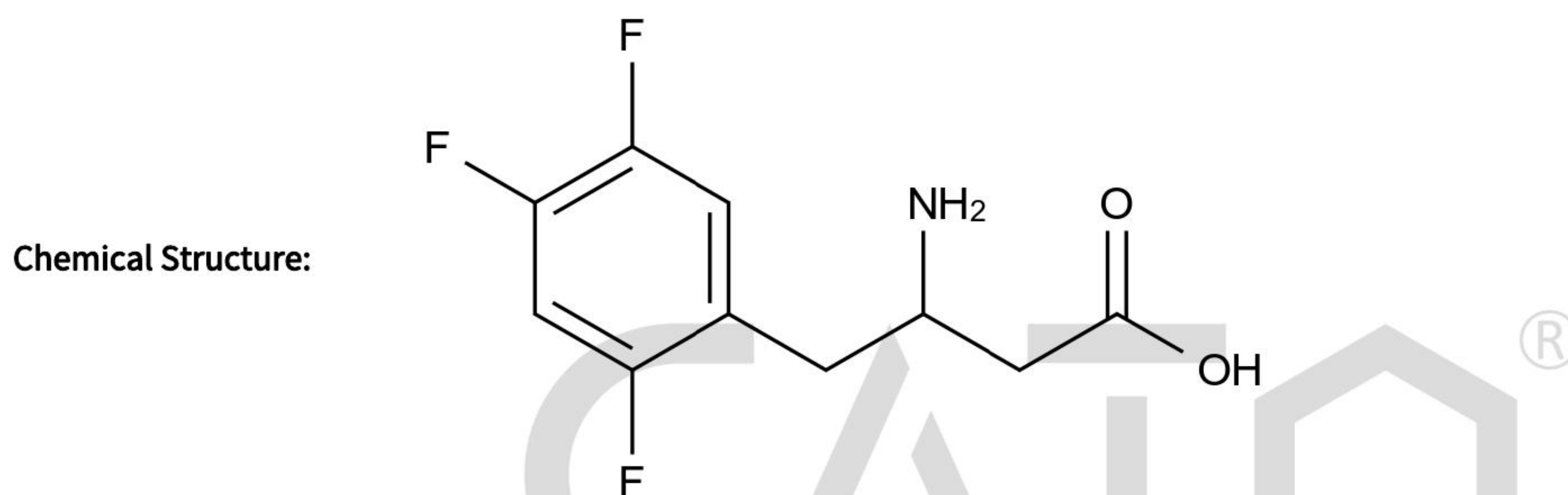


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 138	Catalogue Number:	C4X-1144138
Synonyms:	N/A	Lot Number:	1209-RF-0045
CAS Number:	1283583-85-6	Expiry Date:	Dec 12, 2027
Molecular Formula:	C ₁₀ H ₁₀ F ₃ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	233.19		



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1922%
Assay		99.8%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 13, 2024

Date: Dec 16, 2024

Date: Dec 16, 2024

