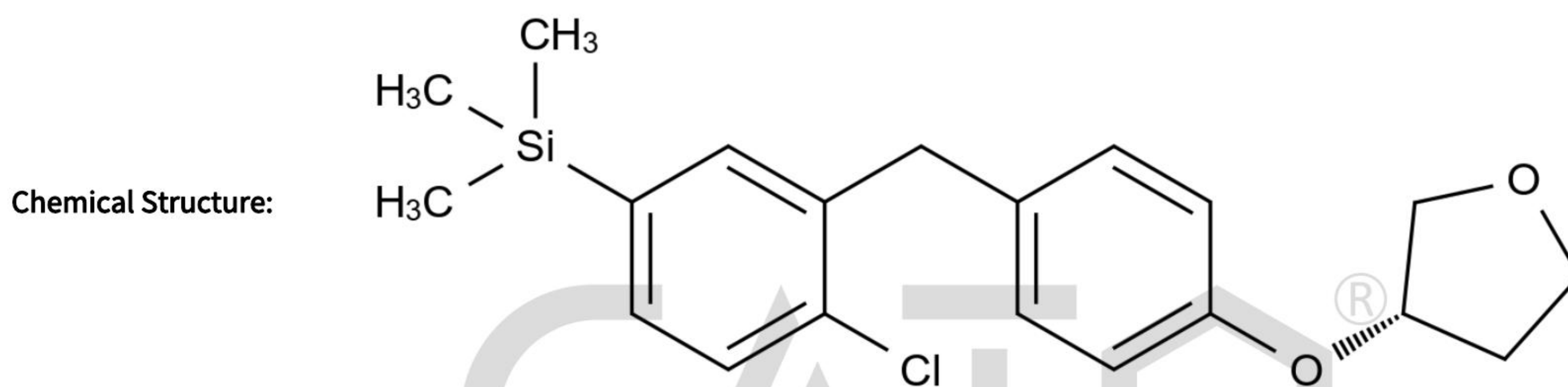


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin impurity 214	Catalogue Number:	C4X-1065214
Synonyms:	N/A	Lot Number:	0325-RF-0046
CAS Number:	N/A	Expiry Date:	Mar 27, 2027
Molecular Formula:	C ₂₀ H ₂₅ ClO ₂ Si	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	360.95		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1789%
Assay		99.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Mar 28, 2024

Date: Mar 28, 2024

Date: Mar 28, 2024

