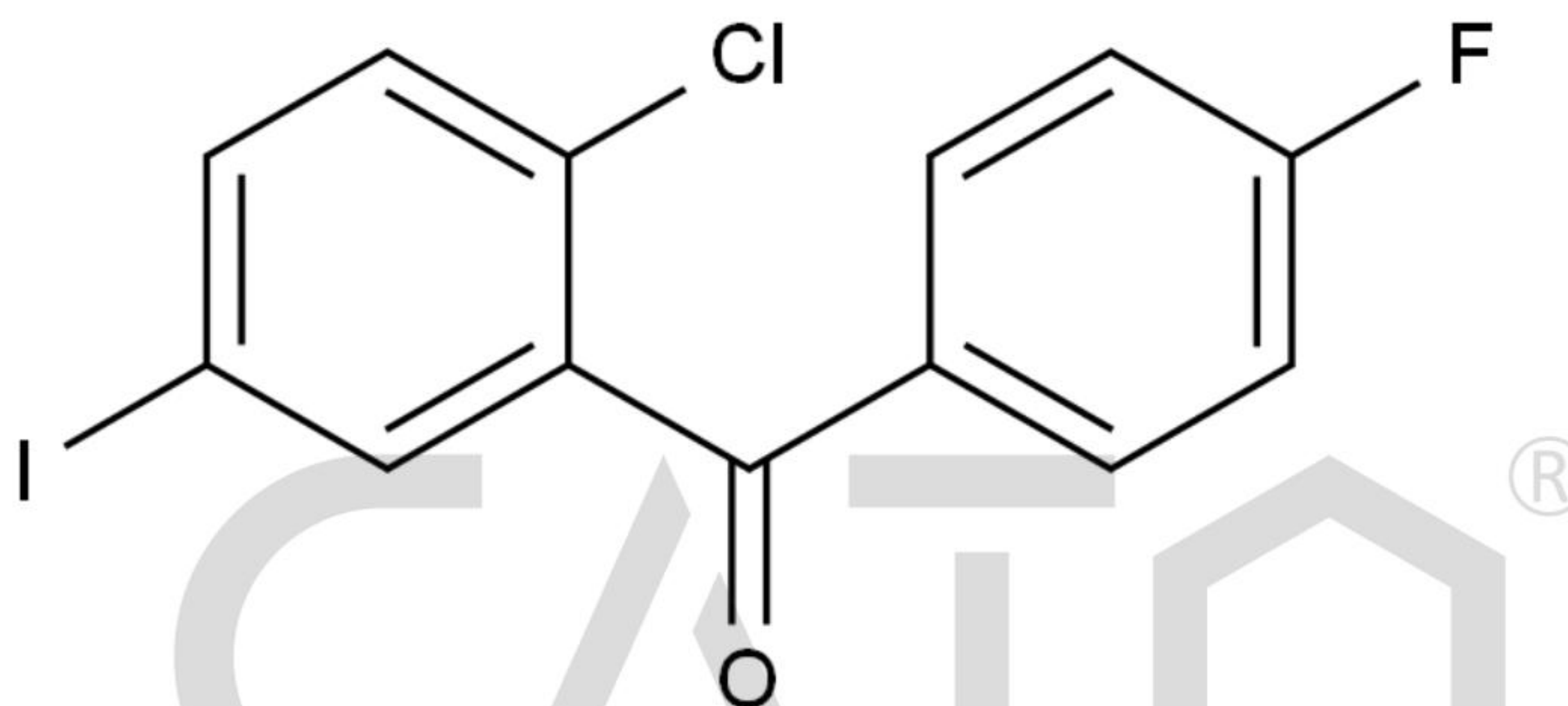


Certificate of Analysis

Reference Material & Standard

Product Name:	Empagliflozin Impurity 91	Catalogue Number:	C4X-106591
Synonyms:	N/A	Lot Number:	1115-RC-0049
CAS Number:	915095-86-2	Expiry Date:	Dec 22, 2027
Molecular Formula:	C ₁₃ H ₇ ClFIO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	360.55		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.354%
Loss On Drying	TGA	0.0052%
Assay		99.3%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 23, 2024

Date: Dec 24, 2024

Date: Dec 24, 2024

