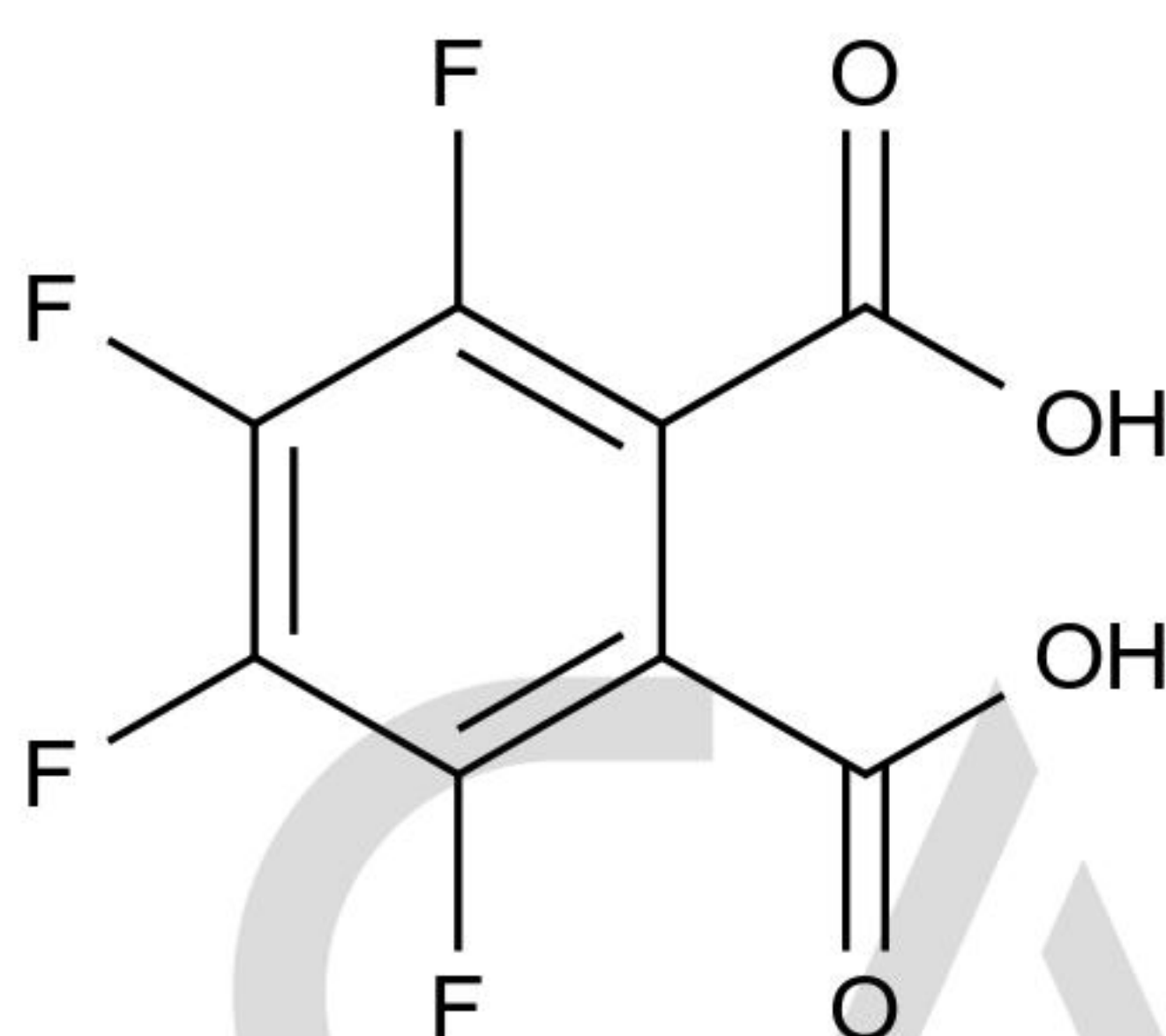


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin Impurity 114	Catalogue Number:	C4X-1074114
Synonyms:	Tetrafluorophthalic acid	Lot Number:	0616-RG-0080
CAS Number:	652-03-9	Expiry Date:	Jun 15, 2028
Molecular Formula:	C ₈ H ₂ F ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	238.09		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.730%
Loss On Drying	TGA	2.162%
Assay		96.6%

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: Jun 16, 2025

Date: Jun 16, 2025

Date: Jun 16, 2025

