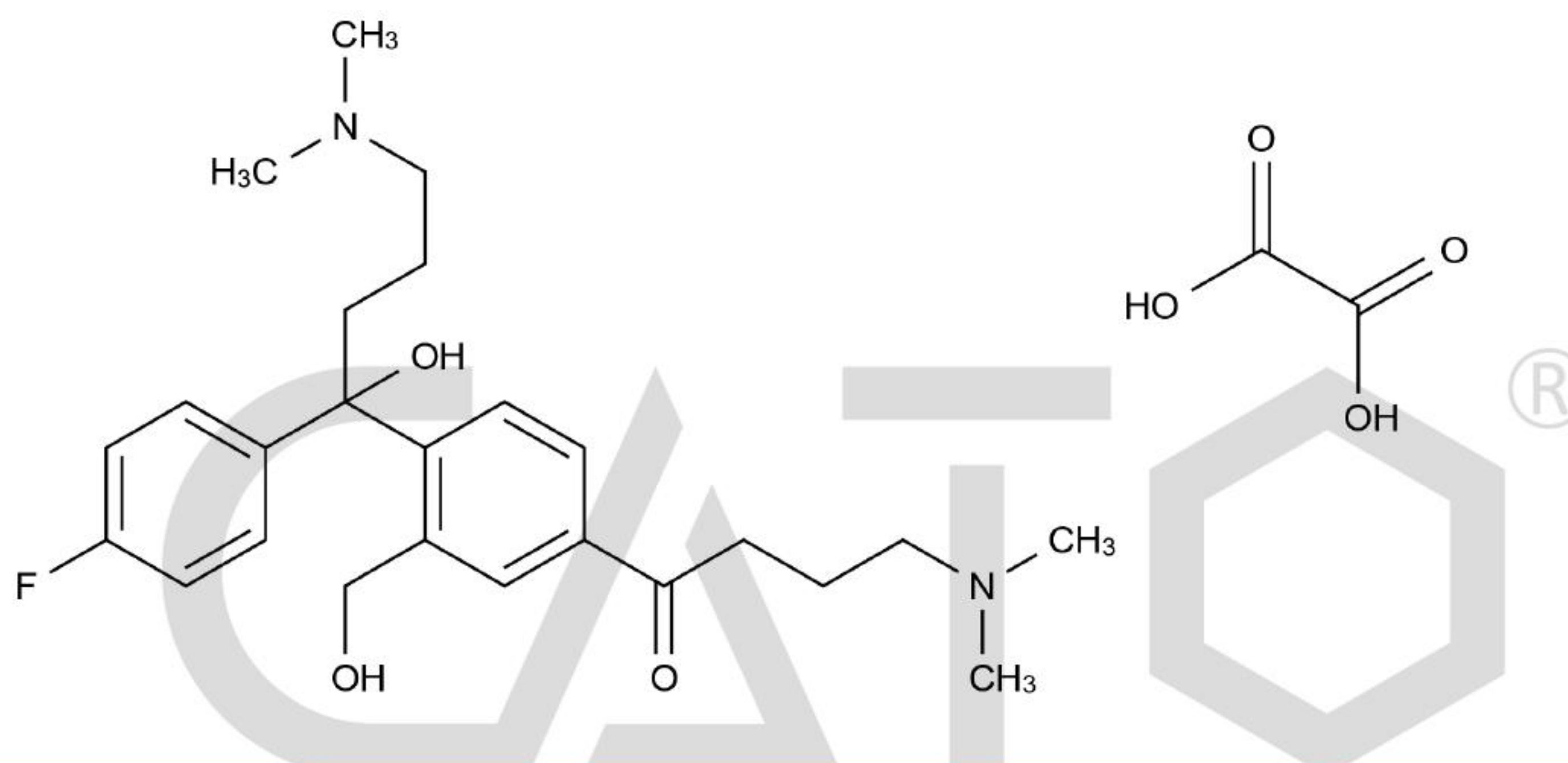


Certificate of Analysis

Reference Material & Standard

Product Name:	Citalopram Impurity 21 Oxalate	Catalogue Number:	C4X-110987
Synonyms:	N/A	Lot Number:	0929-RG-0051
CAS Number:	1433278-32-0(free base)	Expiry Date:	Sep 29, 2029
Molecular Formula:	C ₂₅ H ₃₅ FN ₂ O ₃ · C ₂ H ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	430.56 90.03		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.416%
Water Content	Karl Fischer	1.97%
Residual Solvents	NMR	3.52% acetone
Assay		94.0%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 09, 2025

Date: Oct 09, 2025

Date: Oct 09, 2025



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