CERTIFICATE OF ANALYSIS

(Certificate No. KMC010020-01)

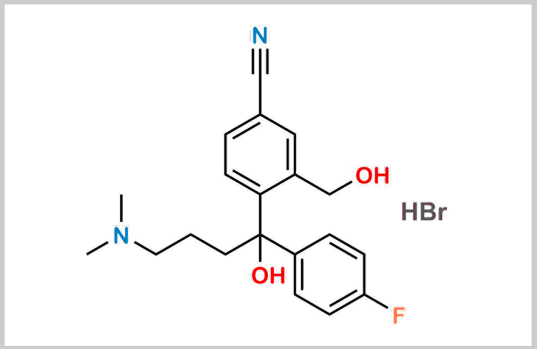
Release Date: 06/07/2026 **Re-test Date:** 05/07/2029

Escitalopram Hydroxy Impurity

Identification

Chemical Name :
4-{4-(Dimethylamino)-[(4'-fluorophenyl)-1-hydroxybutyl]-3-(hydroxymethyl)}benzonitrile Hydrobromide

Alt. Name	: Escitalopram USP Related Compound A (HBr Salt) ; Citadiol Hydrobromide ; Citalopram Dihydroxy Impurity
CAT No.	: KMC010020
CAS No.	: 103146-26-5
Molecular Formula	: C20H23FN2O2 : HBr
Molecular Weight	: 342.4 : 80.9



Analytical Information

Batch No.	: C010020-136-076	**Solubility**	: ACN : Water (1:1)
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.97 %	**IR**	: Confirm
Weight Loss By TGA	: 0.55 %	**1H NMR**	: Confirm
% Potency	: 99.42 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.55(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.42 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/07/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA