CERTIFICATE OF ANALYSIS

(Certificate No. KMC034002-01)

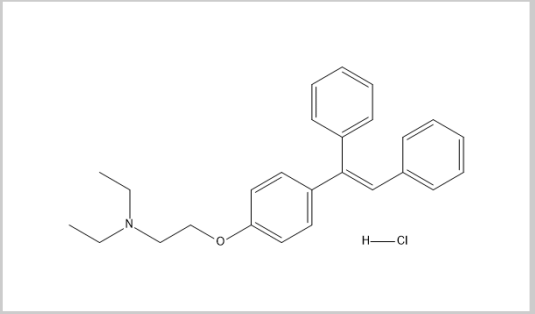
Release Date: 16/07/2024 **Re-test Date:** 15/07/2027

Clomiphene Related Compound A

Identification

Chemical Name :
(E)-2-(4-(1,2-diphenylvinyl)phenoxy)-N,N-diethylethanamine hydrochloride

Alt. Name	: Clomiphene USP Related Compound A
CAT No.	: KMC034002
CAS No.	: 74056-26-1
Molecular Formula	: C26H29NO : HCl
Molecular Weight	: 371.51 : 36.5



Analytical Information

Batch No.	: CLO-RCA-073-293
Description	: Light Yellow Thick Syrup
HPLC Purity	: 99.45 %
Weight Loss By TGA	: 3.08 %
% Potency	: 96.39 %
Solubility	: Refer Additional information
Mass	: Confirm
IR	: Confirm
1H NMR	: Confirm
13C NMR	: Confirm

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 - 3.08(Weight Loss By TGA)] x [99.45(HPLC Purity)]/100 = 96.39 %
-Buffer : Acetonitrile, diethylamine and water (40: 0.8: 60). Adjust with ortho phosphoric acid to a pH of 6.2.
-Solubility : Buffer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		19/07/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA