

CERTIFICATE OF ANALYSIS

(Certificate No. KMC034002-01)

Release Date: 16/07/2024

Re-test Date: 15/07/2027

Clomiphenes Related Compound A

Identification

Chemical Name :

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

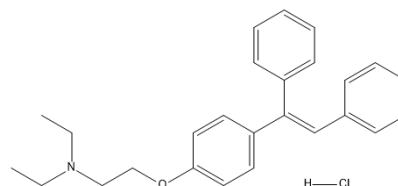
Alt. Name : Clomiphenes USP Related Compound A

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