CERTIFICATE OF ANALYSIS

(Certificate No. KMC034040-01)

Release Date: 12/11/2024 **Re-test Date:** 11/11/2027

Enclomiphene Citrate

Identification

Chemical Name :
(E)-2-(4-(2-Chloro-1,2-diphenylvinyl)phenoxy)-N,N-diethylethan-1-amine 2-hydroxypropane-1,2,3-tricarboxylate

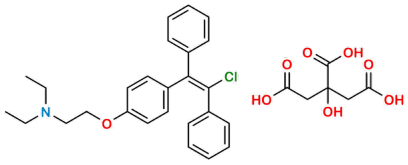
Alt. Name : Trans-Clomiphene Citrate

CAT No. : KMC034040

CAS No. : 7599-79-3

Molecular Formula : C26H28ClNO : C6H8O7

Molecular Weight : 406.0 : 192.1



Analytical Information

Batch No.	: C034040-091-028	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.53 %	**IR**	: Confirm
Weight Loss By TGA	: 0.85 %	**1H NMR**	: Confirm
% Potency	: 98.68 %	**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 - 0.85(Weight Loss By TGA)] x [99.53(HPLC Purity)]/100 = 98.68 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2024

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