# CERTIFICATE OF ANALYSIS

(Certificate No. KMC034019-01)

**Release Date:** 10/02/2026 **Re-test Date:** 09/02/2029

## Clomiphene Keto Analog

## Identification

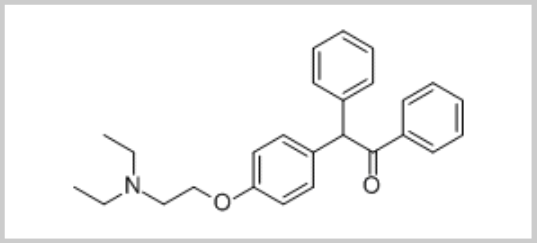
**Chemical Name** :
2-[4-[2-(Diethylamino)ethoxy]phenyl]-1,2-diphenylethanone

**CAT No.** : KMC034019

**CAS No.** : 5530-99-4

**Molecular Formula** : C26H29NO2

**Molecular Weight** : 387.5




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : C034019-114-154 | **Solubility** | : ACN |
| **Description** | : Light Yellow Semi Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 95.73 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 3.74 % | **1H NMR** | : Confirm |
| **% Potency** | : 92.15 % | | |

## 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 - 3.74(Weight Loss By TGA)] x [95.73(HPLC Purity)]/100 = 92.15 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 19/02/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 19/02/2026 |

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