## **Certificate of Analysis**

## Clomiphene (citrate)

 Cat. No.:
 HY-B0463

 CAS No.:
 50-41-9

 Batch No.:
 12851

Chemical Name: Ethanamine, 2-[4-(2-chloro-1,2-diphenylethenyl)phenoxy]-N,N-diethyl-, 2-hydroxy-1,2,3-propan

etricarboxylate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{32}H_{36}CINO_8$ Molecular Weight: 598.08

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.69%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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