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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

Product Name: Tramadol N-Oxide

Identification:

Chemical Name: Cyclohexanol, 2-[(dimethyloxidoamino)methyl]-1-(3-methoxyphenyl)-, (1R,2R)-rel-

Synonyms : NA

CAS Number : 147441-56-3

CAT Number : CP-T28012

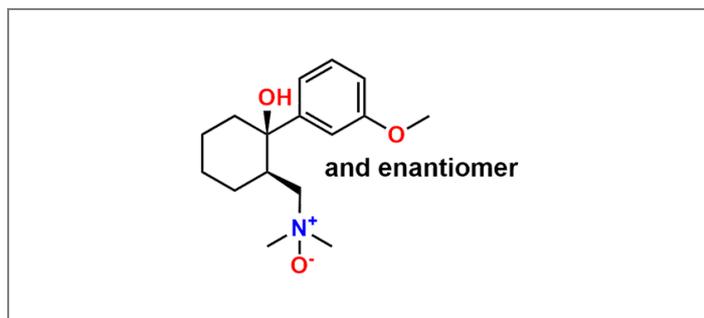
Molecular Formula : C₁₆H₂₅NO₃

Molecular Weight : 279.38

Batch Number : CP-25-148

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Light Brown Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	94.83%
5)	¹ H NMR	Confirm to Structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	2.103%
9)	Potency by TGA	92.83%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.