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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

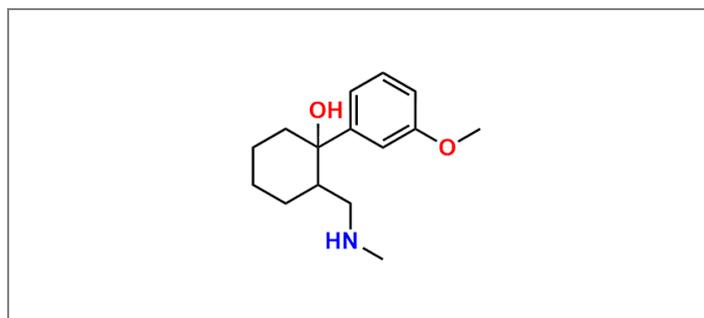
Re-test Date: Mar 2029

**Product Name: N-Desmethyl Tramadol**

### Identification:

Chemical Name: 1-(3-Methoxyphenyl)-2-((methylamino)methyl)cyclohexan-1-ol

Synonyms : NA  
CAS Number : 73806-55-0  
CAT Number : CP-T28011  
Molecular Formula : C<sub>15</sub>H<sub>23</sub>NO<sub>2</sub>  
Molecular Weight : 249.35  
Batch Number : CP-44-110



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	pale yellow oil
2)	Solubility	Soluble in MeOH/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	97.73%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	-
9)	Potency by TGA	-

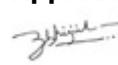


#### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

#### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

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