



COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: 2,2,5-Trimethyl-3-nitroso-oxazolidine				
CAS NO: 77400-46-5	 SRC CAT No : SRC-N014442			
Batch No: SRC-162-PT-134				
Date of Analysis: 15 May 2024				
Retest Date: 15 May 2026				
Structure:	<p>The chemical structure is a five-membered oxazolidine ring. The ring consists of two carbon atoms (one double-bonded to an oxygen atom) and three nitrogen atoms. One nitrogen atom is bonded to a methyl group (CH3) and a methylene group (CH2). The other nitrogen atom is bonded to a methyl group (CH3) and a nitroso group (N=O).</p>			
Chemical Name	2,2,5-Trimethyl-3-nitroso-1,3-oxazolidine			
Molecular Formula	C ₆ H ₁₂ N ₂ O ₂			
Molecular Weight	144.17g/mol			
Sr. No.	Test	Result		
1)	Description	Pale yellow oil		
2)	Solubility	Soluble In DMSO,Methanol		
3)	Identification Mass 1H NMR IR	Confirm to structure Confirm to structure Confirm to structure		
4)	Purity by HPLC	Above 95 %		
Long Term Storage condition	Store at 2 ⁰ to 8 ⁰ c			
Shipping Condition	Ambient			
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.				
Note: 2,2,5-Trimethyl-3-nitroso-oxazolidine is a highly toxic semi-volatile organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures.				
	Signature	Date		
Checked By				
Approved By				

