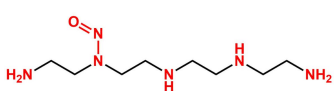


# CERTIFICATE OF ANALYSIS

Date: 27-12-2024

<b>Product Name</b>	<b>N-Nitroso Trientine Impurity 12</b>		
<b>Chemical Name</b>	N-(2-aminoethyl)-N-(2-((2-((2-aminoethyl)amino)ethyl)amino)ethyl)nitrous amide		
<b>Structure</b>	 <p>The chemical structure shows a trientine backbone with a nitroso group attached to the first nitrogen atom. The trientine backbone consists of three ethylamine units linked together: H<sub>2</sub>N-CH<sub>2</sub>-CH<sub>2</sub>-N-CH<sub>2</sub>-CH<sub>2</sub>-N-CH<sub>2</sub>-CH<sub>2</sub>-N-CH<sub>2</sub>-CH<sub>2</sub>-NH<sub>2</sub>. The first nitrogen atom is substituted with a nitroso group (O=N).</p>		
<b>Inv. Status</b>	-	<b>CAS No.</b>	NA
<b>Analysis Date</b>	-	<b>Retest Date</b>	-
<b>Mol. Formula</b>	C <sub>8</sub> H <sub>22</sub> N <sub>6</sub> O	<b>Molecular Wt.</b>	218.31
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
<sup>1</sup> H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%
<b>Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.</b>	

	Prepared By	Checked By	Approved By
<b>Signature</b>			
<b>Date</b>			

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