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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2027

**Product Name: N-Nitroso Verapamil EP Impurity B**

### Identification:

Chemical Name: N-(3,4-Dimethoxyphenethyl)-N-methylnitrous amide

Synonyms : NA

CAS Number : NA

CAT Number : CP-V10021

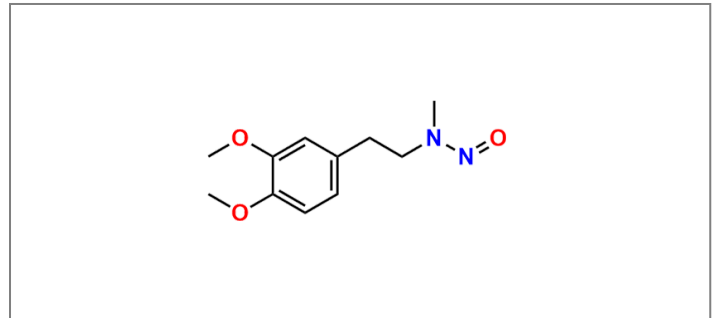
Molecular Formula : C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 224.26

Batch Number : CP-VER-NITB-0324

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 to Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	100%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.72%
8)	Potency by TGA	99.28%



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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