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## CERTIFICATE OF ANALYSIS

Analysis Date:

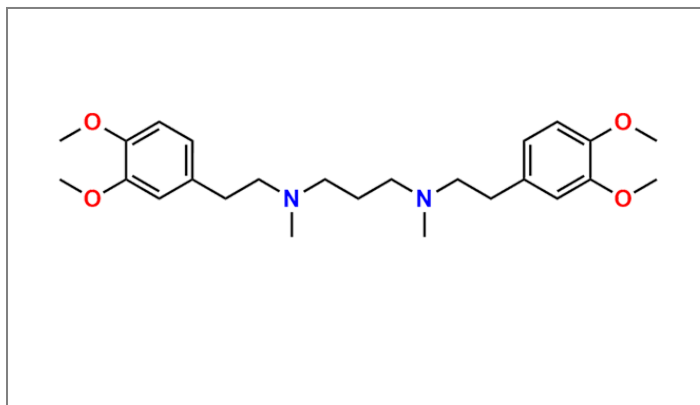
Re-test Date:

**Product Name: Verapamil EP Impurity A**

### Identification:

Chemical Name: N1,N3-Bis(3,4-dimethoxyphenethyl)-N1,N3-dimethylpropane-1,3-diamine

Synonyms : NA  
CAS Number : 141991-88-0  
CAT Number : CP-V10001  
Molecular Formula : C25H38N2O4  
Molecular Weight : 430.59



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**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.