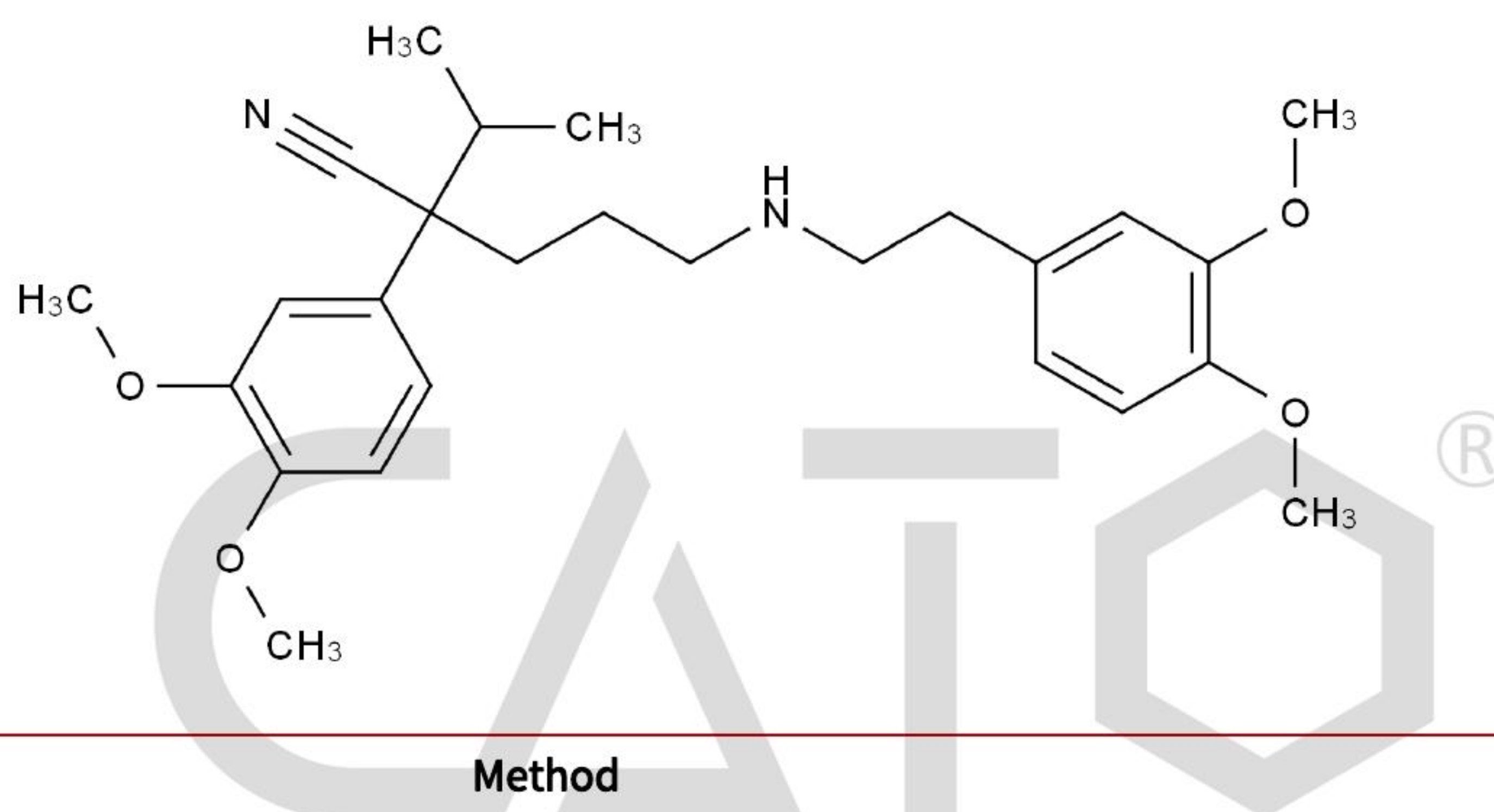


Certificate of Analysis

Reference Material & Standard

Product Name:	Verapamil EP Impurity J	Catalogue Number:	C4X-177831
Synonyms:	N/A	Lot Number:	0804-RG-0019
CAS Number:	67018-85-3	Expiry Date:	Aug 05, 2029
Molecular Formula:	C ₂₆ H ₃₆ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	440.58		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.574%
Loss On Drying	TGA	0.5561%
Assay		98.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 06, 2025

Date: Aug 06, 2025

Date: Aug 06, 2025

