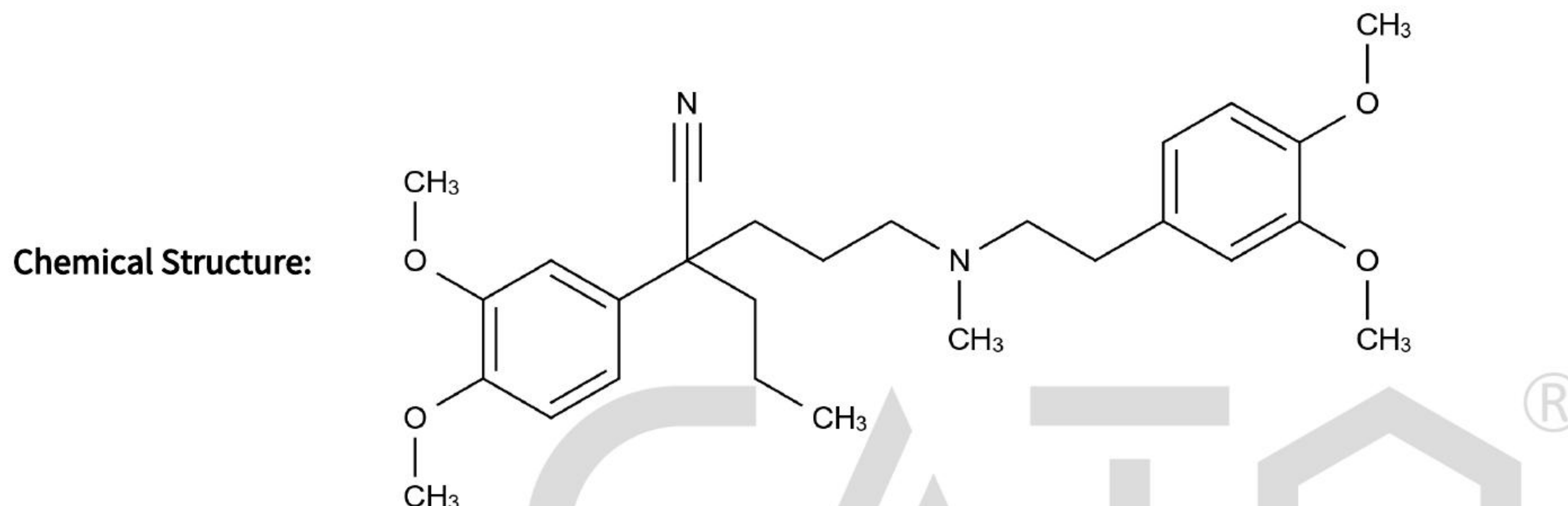


Certificate of Analysis

Reference Material

Product Name:	Verapamil EP Impurity O	Catalogue Number:	C4X-177828
Chemical Name:	N/A	Lot Number:	0703-RE-0018
CAS Number:	959011-16-6	Expiry Date:	Jul 05, 2026
Molecular Formula:	C ₂₇ H ₃₈ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	454.60		



Test Items	Method	Results
Appearance	Visual inspection	Yellow Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.576%
Loss On Drying	TGA	0.4354%
Assay		98.1%

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

Aporoved by General manager:

David

Date: Jul 06, 2023

Date: Jul 06, 2023

Date: Jul 06, 2023

