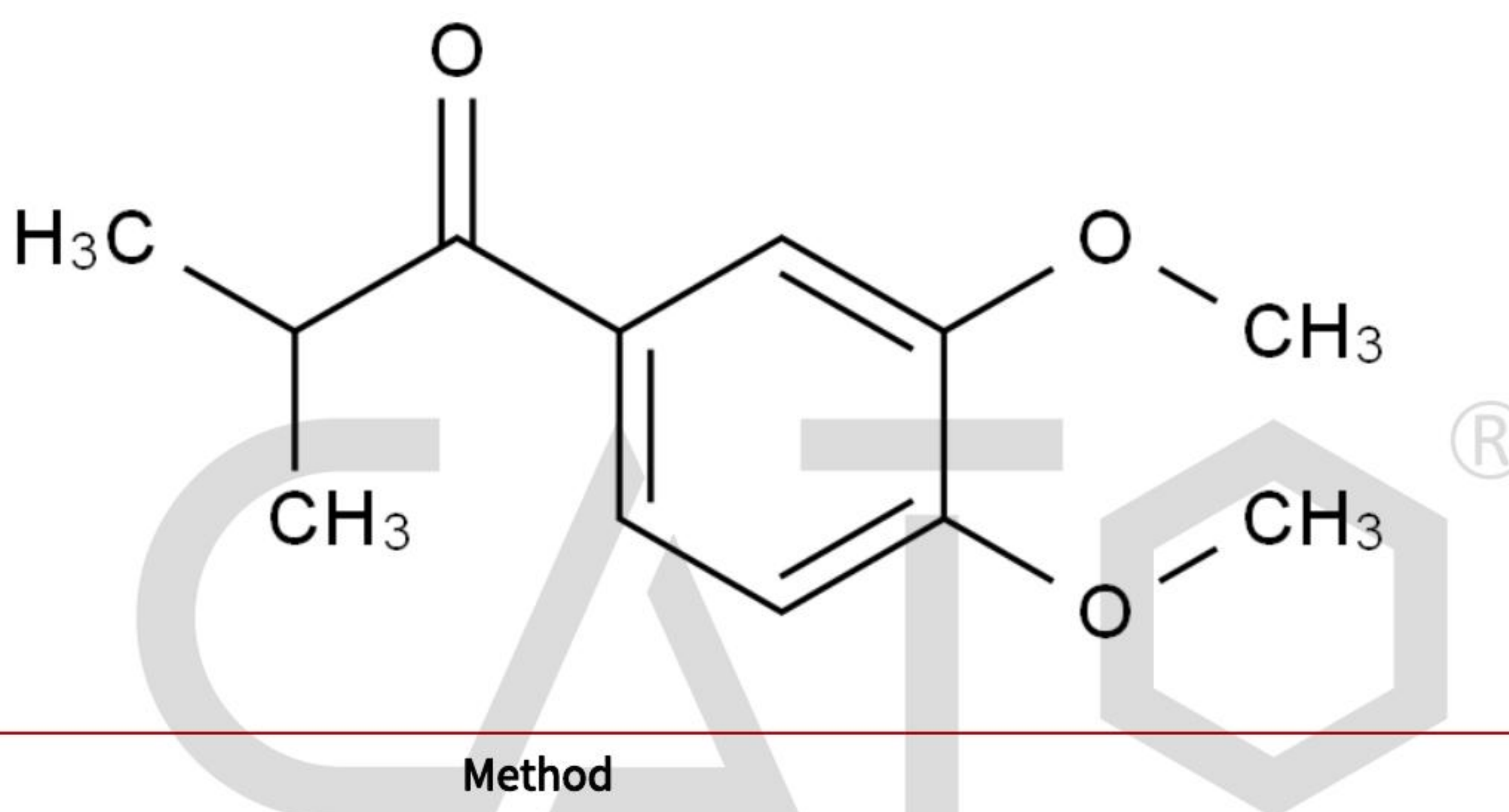


Certificate of Analysis

Reference Material & Standard

Product Name:	Verapamil EP Impurity L	Catalogue Number:	C4X-177812
Synonyms:	N/A	Lot Number:	0726-RF-0022
CAS Number:	14046-55-0	Expiry Date:	Jul 29, 2027
Molecular Formula:	C ₁₂ H ₁₆ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	208.25		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.719%
Loss On Drying	TGA	1.6768%
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: Jul 30, 2024

Date: Jul 30, 2024

Date: Jul 30, 2024

