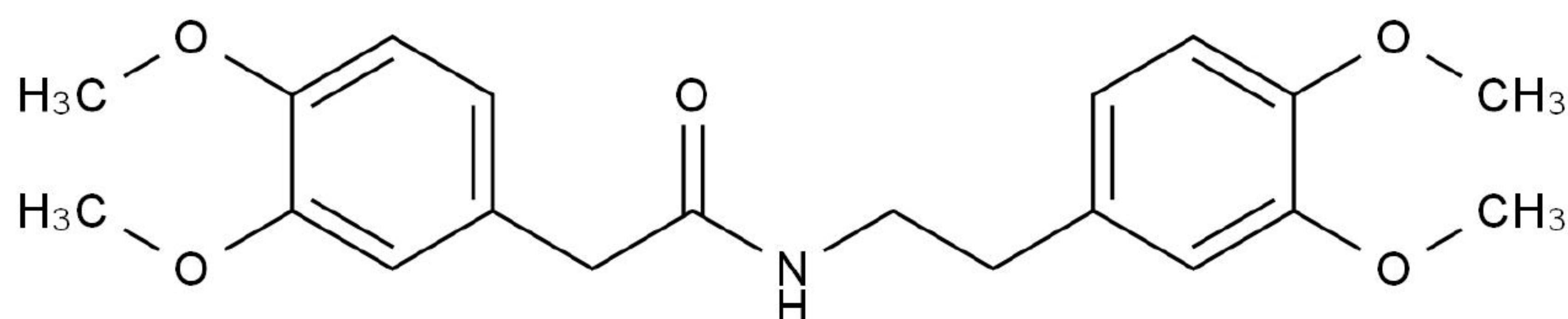


Certificate of Analysis

Reference Material & Standard

Product Name:	Papaverine EP Impurity F	Catalogue Number:	C4X-20676
Synonyms:	N/A	Lot Number:	0213-RG-0033
CAS Number:	139-76-4	Expiry Date:	Feb 18, 2028
Molecular Formula:	C ₂₀ H ₂₅ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	359.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.774%
Loss On Drying	TGA	0.0019%
Assay		99.8%

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: Feb 19, 2025

Date: Feb 19, 2025

Date: Feb 19, 2025

