

Certificate of Analysis

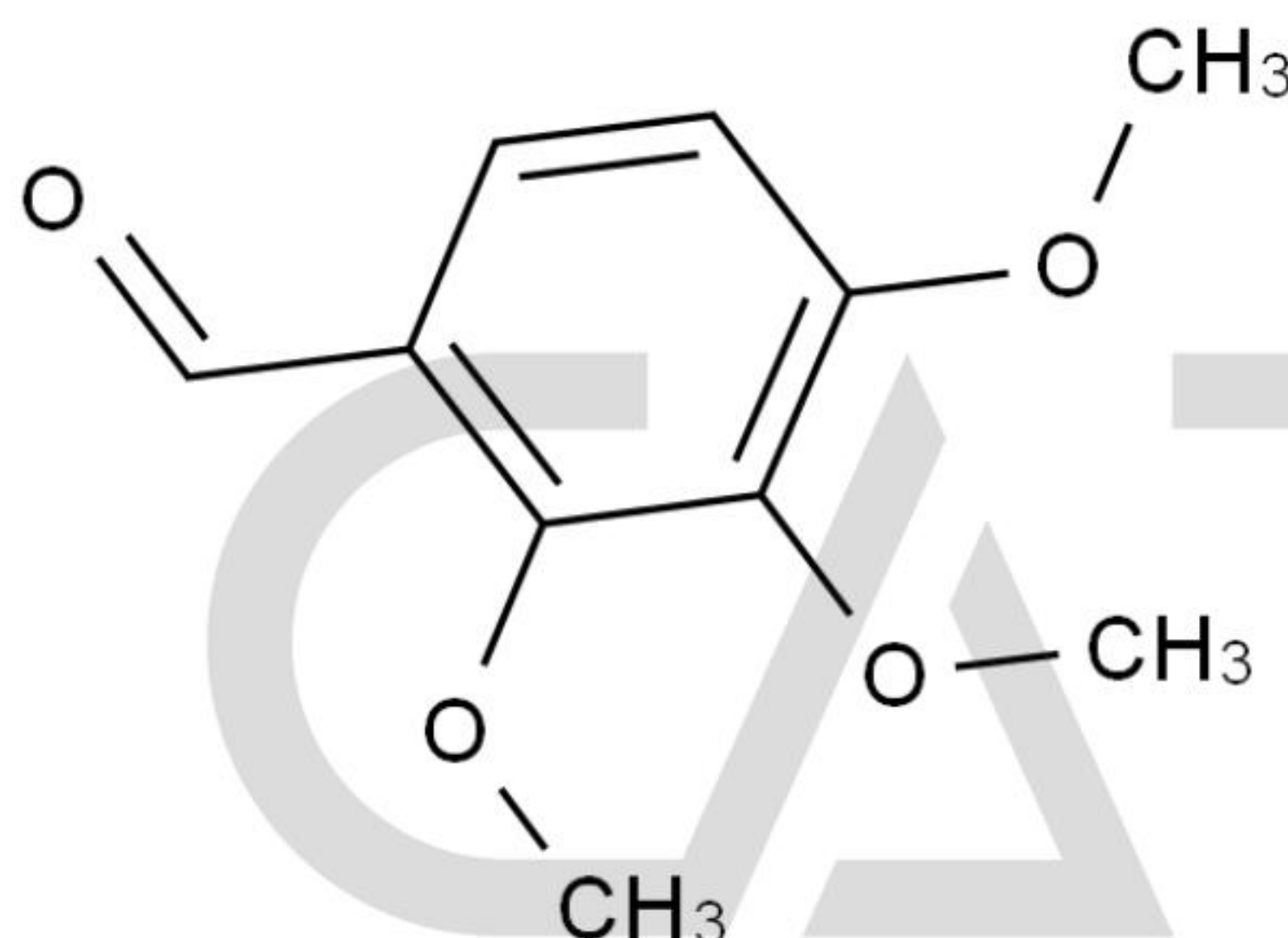
Reference Material & Standard

Product Name:	Trimetazidine Dihydrochloride EP Impurity C	Catalogue Number:	C4X-180319
Synonyms:	2,3,4-Trimethoxybenzaldehyde	Lot Number:	83-12-3
CAS Number:	2103-57-3	Expiry Date:	Jul 20, 2029
Molecular Formula:	C ₁₀ H ₁₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	196.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.176%
Loss on Drying	TGA	1.4507%
Assay		97.7%

Comment:

The calculation of the mass balance 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:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 21, 2025

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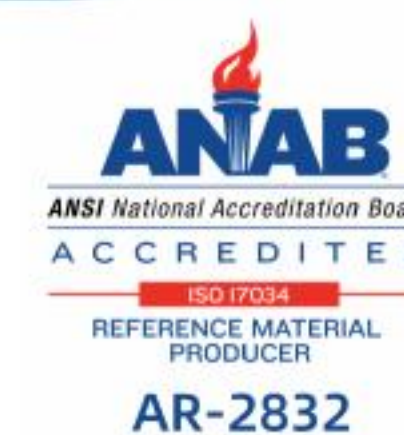
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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