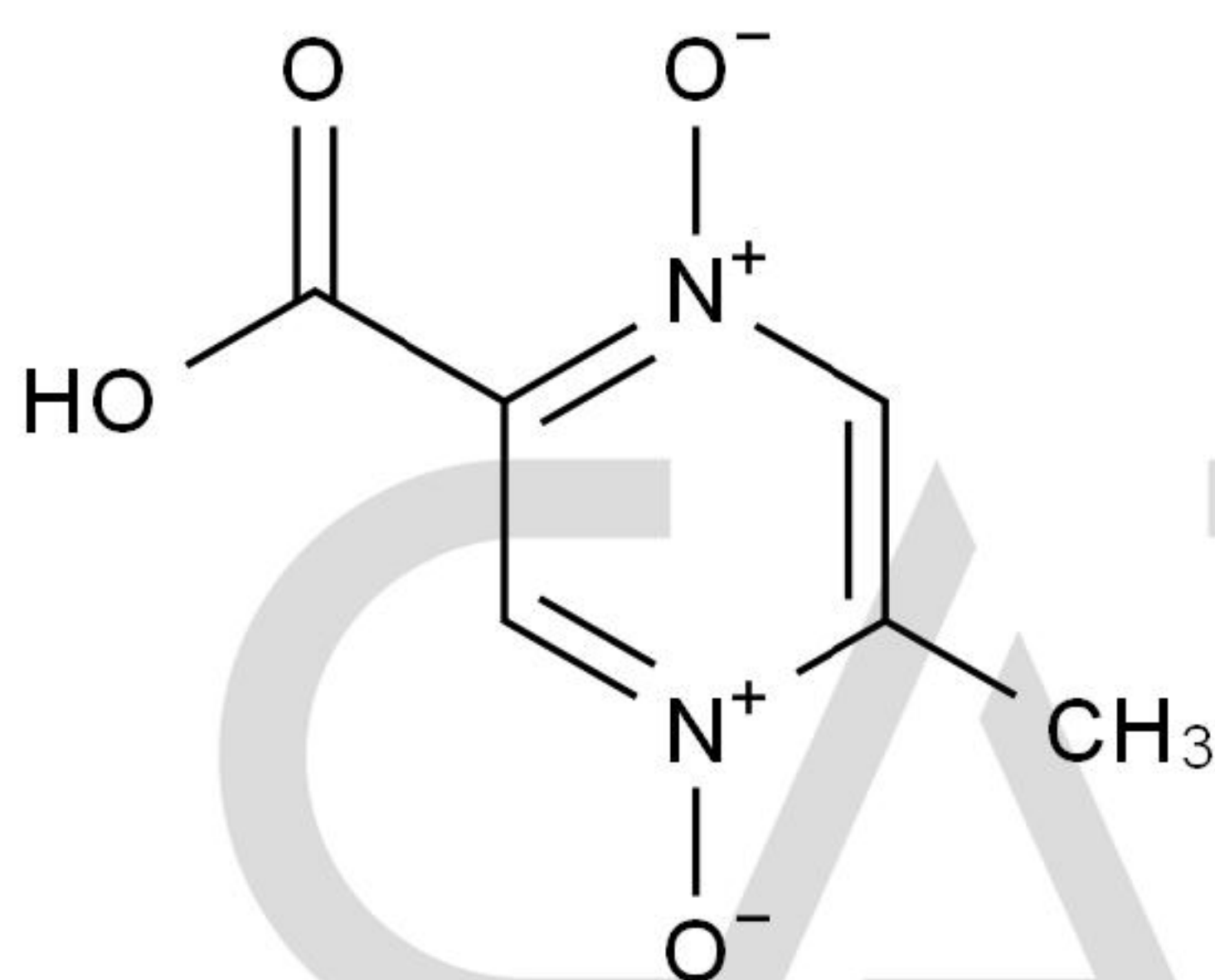


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Carboxy-5-methylpyrazine 1,4-dioxide	Catalogue Number:	C3D-4867
Synonyms:	N/A	Lot Number:	0120-RG-0020
CAS Number:	2734844-49-4	Expiry Date:	Jan 13, 2028
Molecular Formula:	C ₆ H ₆ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	170.12		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.695%
Water Content	Karl Fischer	0.34%
Residual Solvents	NMR	0.37% methanol
Assay		99.0%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 20, 2025

Date: Jan 20, 2025

Date: Jan 20, 2025



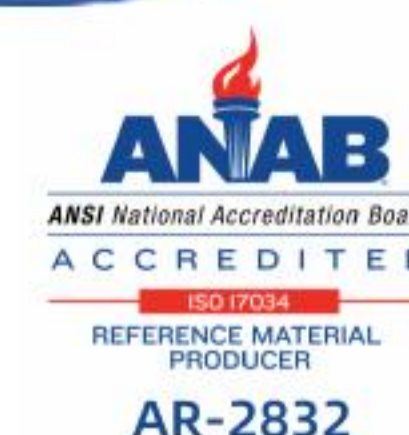
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 5



Official WeChat