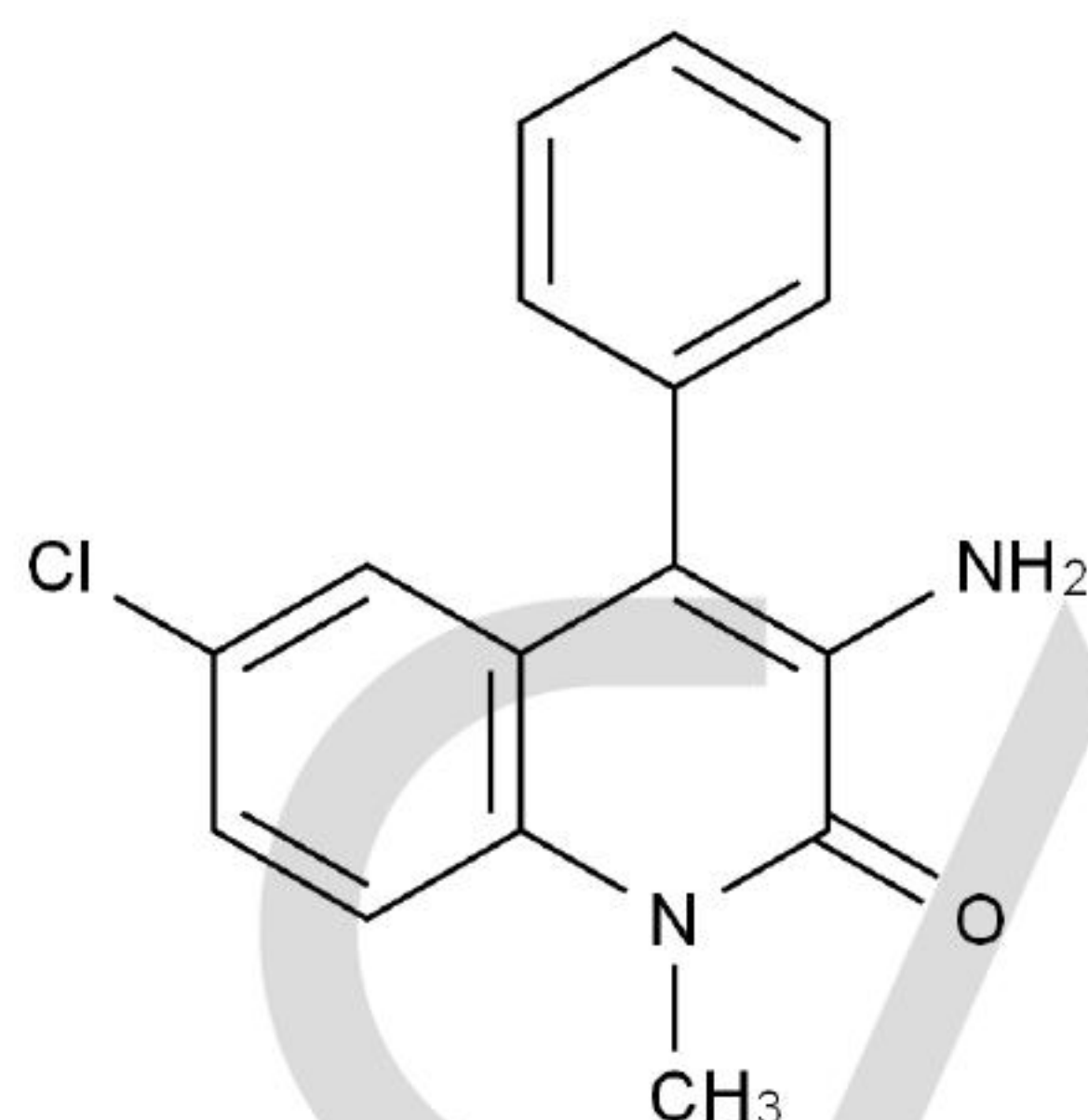


Certificate of Analysis

Reference Material & Standard

Product Name:	Diazepam EP Impurity C	Catalogue Number:	C4X-14653
Synonyms:	N/A	Lot Number:	0428-RG-0011
CAS Number:	5220-02-0	Expiry Date:	May 06, 2028
Molecular Formula:	C ₁₆ H ₁₃ ClN ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	284.74	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.967%
Loss on Drying	TGA	0.6926%
Assay		98.3%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 07, 2025

Date: May 07, 2025

Date: May 07, 2025



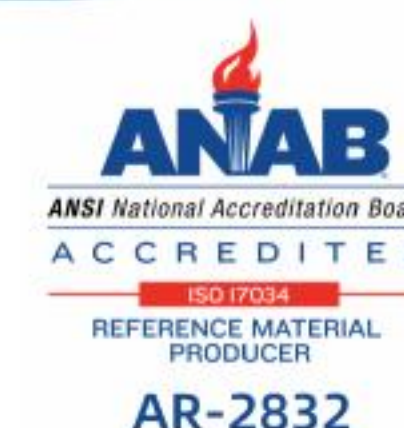
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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