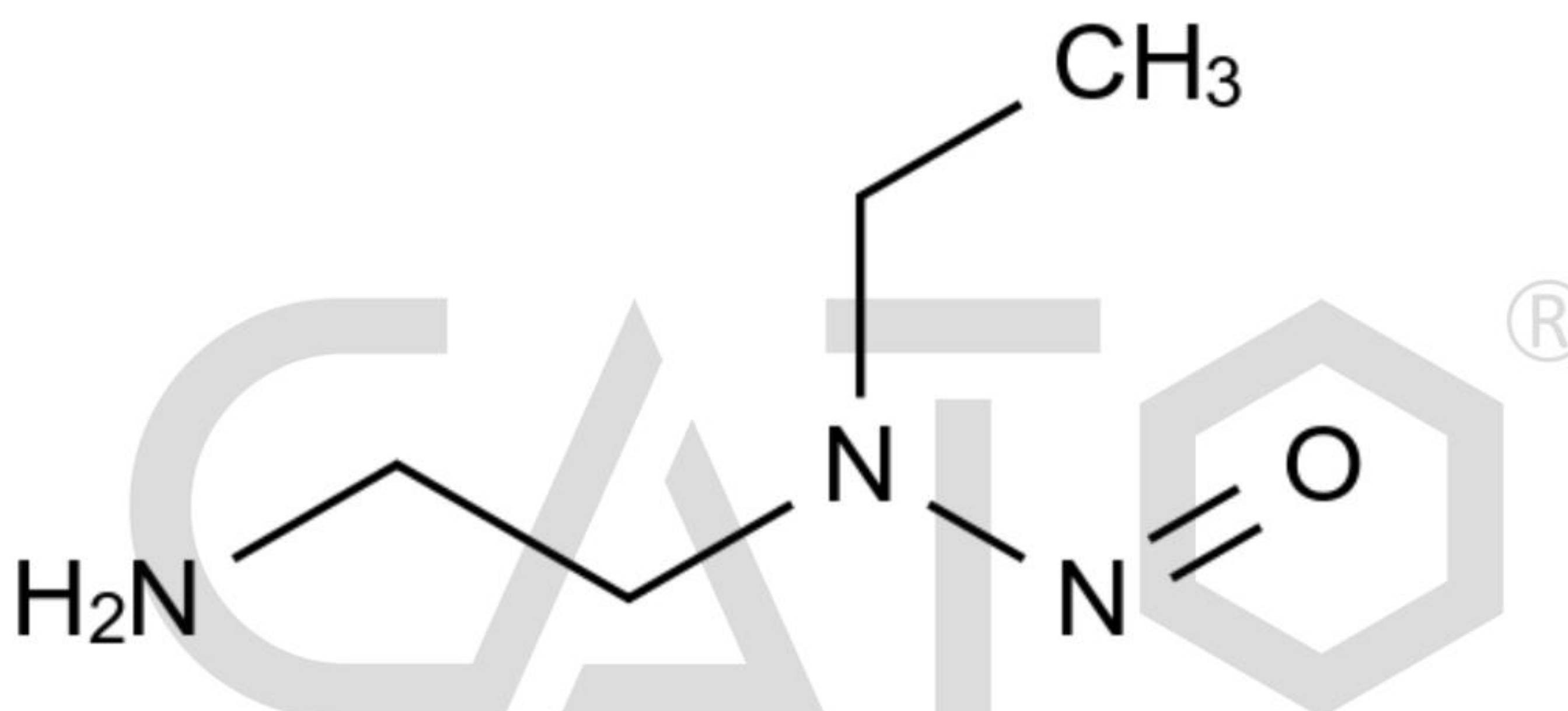


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Ethyl-N-Nitroso -Ethane-1,2 diamine	Catalogue Number:	C3D-26195
Synonyms:	N/A	Lot Number:	0925-RG-0053
CAS Number:	2680539-26-6	Expiry Date:	Aug 11, 2029
Molecular Formula:	C ₄ H ₁₁ N ₃ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	117.15		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.72%
Loss On Drying	TGA	8.9296%
Assay		90.8%

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:

Hinlam

Approved by General Manager:

David

Date: Sep 26, 2025

Date: Sep 26, 2025

Date: Sep 26, 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>

