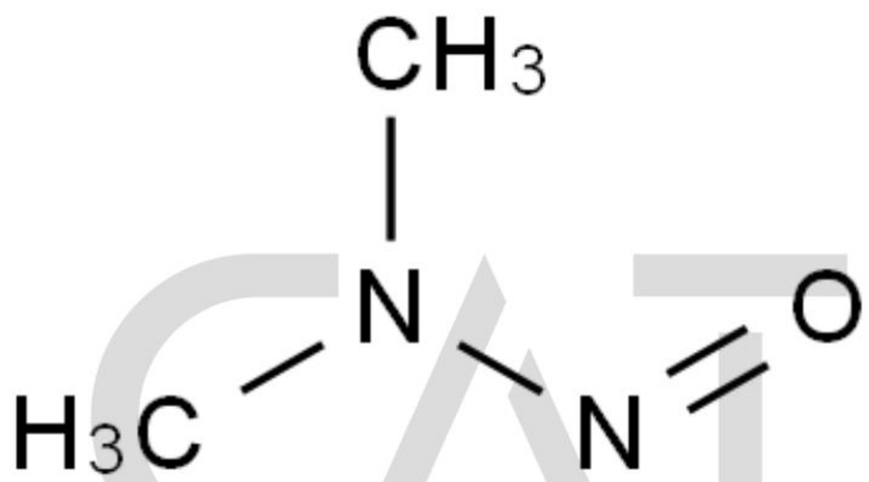
Certificate of Analysis

Reference Material & Standard

Product Name:	Valsartan Gene Toxin Impurity 1	**Catalogue Number:**	C4X-105750
Synonyms:	N-nitrosodimethylamine	**Lot Number:**	0906-RH-0074
CAS Number:	62-75-9	**Expiry Date:**	Sep 08, 2030
Molecular Formula:	$C_2H_6N_2O$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	74.08	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.939%
Water Content	Karl Fischer	0.4355%
Assay		99.5%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content) * Purity HPLC (%) /100%*
Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Sep 09, 2026

Reviewed by: Koi Date: Sep 09, 2026

Approved by General Manager: David Date: Sep 09, 2026

CATO Research Chemicals Inc.