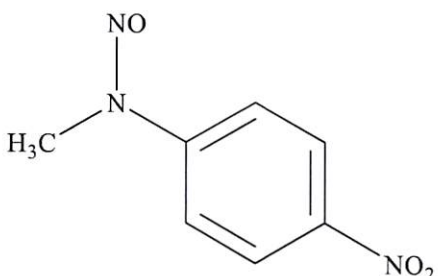


## Certificate of Analysis

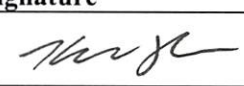

Certificate No.: 20260604508

Date: June 4, 2026

Retest date: June 1, 2029

<b>Compound Name:</b>	<i>N</i> -Nitroso- <i>N</i> -Methyl-4-Nitroaniline	
<b>Synonyms:</b>	<i>N</i> -methyl- <i>N</i> -(4-nitrophenyl)nitrous amide	
<b>TLC Catalogue Number:</b>	A-248093	
<b>CAS Number:</b>	943-41-9	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	181.15	
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>7</sub> N <sub>3</sub> O <sub>3</sub>	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	C0277-090A2	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	DMSO	

Test Description	Specifications	Results
<b>Visual Description</b>	Orange solid	<b>Conforms</b>
<b>Identification</b> MS <sup>1</sup> H NMR	Conforms to structure Conforms to structure	<b>Conforms</b> <b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>99.3%</b>
<b>Impurity (HPLC)</b>	RT 3.53, 0.11%; RT 11.39, 0.49%	
<b>Water Content (KF)</b>	N/A	<b>0.2%</b>
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (%)</b>	Not less than 90.0%	<b>99.1%</b>
<b>Recommendation:</b>	<b>Release.</b> The compound is an <i>N</i> -Nitroso product. Avoid using metal spatula and applying pressure. Wear proper personal protective equipment when handling.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/04/2026
Approved by:	Quality Assurance		06/10/2026

**Attachments:** Peak Attribution Table, Assay Calculation, HPLC, MS and NMR spectra.