# CERTIFICATE OF ANALYSIS

(Certificate No. KMP010020-01)

**Release Date:** 05/12/2025 **Re-test Date:** 04/12/2028

## N-Nitroso Paracetamol EP Impurity M

## Identification

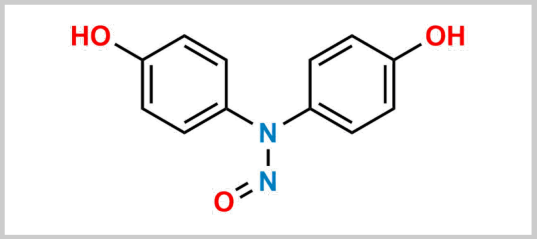
**Chemical Name** :
N,N-Bis(4-hydroxyphenyl)nitrous amide

**CAT No.** : KMP010020

**CAS No.** : NA

**Molecular Formula** : C12H10N2O3

**Molecular Weight** : 230.2




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : P010020-114-041 | **Solubility** | : Acetonitrile |
| **Description** | : Dark Brown Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 93.28 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.41 % | **1H NMR** | : Confirm |
| **% Potency** | : 92.9 % | | |

## Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency =** [100 - 0.41(Weight Loss By TGA)] x [93.28(HPLC Purity)]/100 = 92.9 %

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 05/12/2025 |
| **Reviewed & Approved By** | Quality Control | Milan Bhimani | | 05/12/2025 |

**Attachments** : COA, MASS, 1HNMR, IR and TGA