

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN084092-01)

**Release Date:** 08/08/2025

**Re-test Date:** 07/08/2028

## **N-Nitrosobis(2-hydroxypropyl)amine**

### **Identification**

**Chemical Name :**

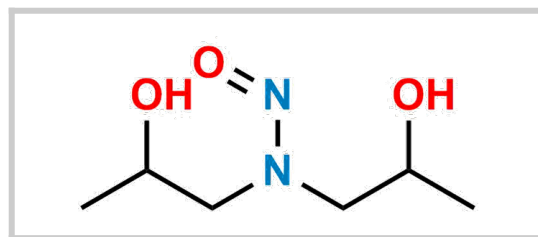
N,N-Bis(2-hydroxypropyl)nitrous amide

**CAT No.** : KMN084092

**CAS No.** : 53609-64-6

**Molecular Formula** : C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular Weight** : 162.2



### **Analytical Information**

**Batch No.** : N084092-102-202

**Description** : Light Yellow Liquid

**HPLC Purity** : 97.06 %

**Weight Loss By TGA** : 3.02 %

**% Potency** : 94.13 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### **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 - 3.02(Weight Loss By TGA)] x [97.06(HPLC Purity)]/100 = 94.13 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/08/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA