

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN084135-01)

**Release Date:** 17/01/2024

**Re-test Date:** 16/01/2027

## **2-[METHYL(NITROSO)AMINO]BUTAN-1-OL IMPURITY**

### **Identification**

**Chemical Name :**

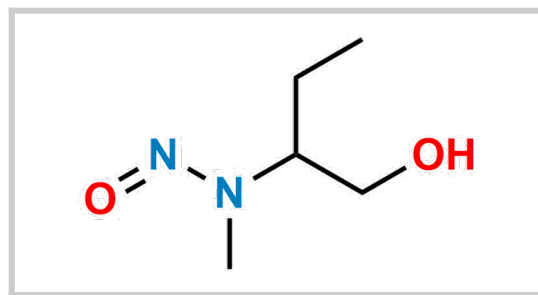
N-(1-Hydroxybutan-2-yl)-N-methylnitrous amide

**CAT No.** : KMN084135

**CAS No.** : 1822857-11-3

**Molecular Formula** : C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 132.2



### **Analytical Information**

**Batch No.** : 2AB-N-NO-073-034

**Description** : Yellow Liquid

**GC Purity** : 95.94 %

**Weight Loss By TGA** : 2.01 %

**% Potency** : 94.01 %

**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 - 2.01(Weight Loss By TGA)] x [95.94(GC Purity)]/100 = 94.01 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/07/2025

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