

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN084135-01)

Release Date: 17/01/2024

Re-test Date: 16/01/2027

## N-Nitroso of 2-Aminobutanol Impurity

### Identification

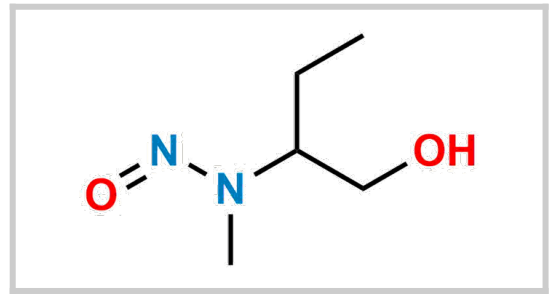
**Chemical Name :**  
N-(1-Hydroxybutan-2-yl)-N-methylnitrous amide

**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 %

Remarks : COA Re-generated on 15.10.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		15/10/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		15/10/2024

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