

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

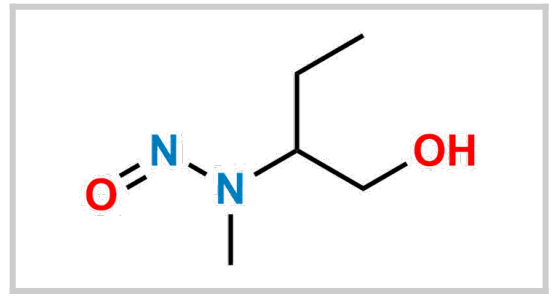
Chemical Name :
N-(1-Hydroxybutan-2-yl)-N-methylnitrous amide

CAT No. : KMN084135

CAS No. : 1822857-11-3

Molecular Formula : C₅H₁₂N₂O₂

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

¹H 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
Prepared By	Analytical	Jignesh Patel		15/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/10/2024

Attachments : COA, GC, MASS, ¹H NMR, IR and TGA