

# CERTIFICATE OF ANALYSIS

(Certificate No. KML020034-01)

**Release Date:** 03/02/2025

**Re-test Date:** 02/02/2028

## N, N-DIMETHYL AMINE SABA

### Identification

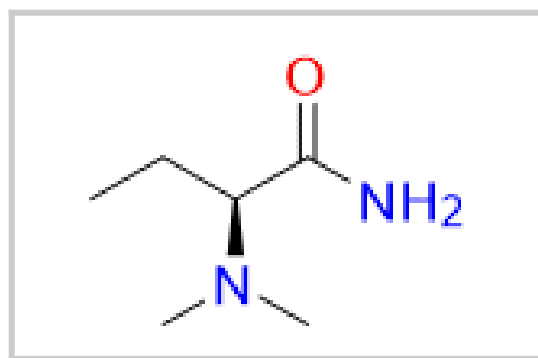
**Chemical Name :**  
(S)-2-(dimethylamino)butanamide

**CAT No.** : KML020034

**CAS No.** : 2382619-96-5

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

**Molecular Weight** : 130.19



### Analytical Information

**Batch No.** : L020034-091-194

**Description** : Off White Solid

**HPLC Purity** : 93.17 %

**Weight Loss By TGA** : 1.10 %

**% Potency** : 92.15 %

**Solubility** : Water

**Mass** : Confirm

**IR** : Confirm

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

**<sup>13</sup>C NMR** : Confirm

**D2O Exchange** : 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 - 1.10(Weight Loss By TGA)] x [93.17(HPLC Purity)]/100 = 92.15 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/02/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR,,D2O Exchange, IR and TGA