

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM012012-01)

Release Date: 23/01/2023

Re-test Date: 22/01/2026

## Memantine Related Compound E

### Identification

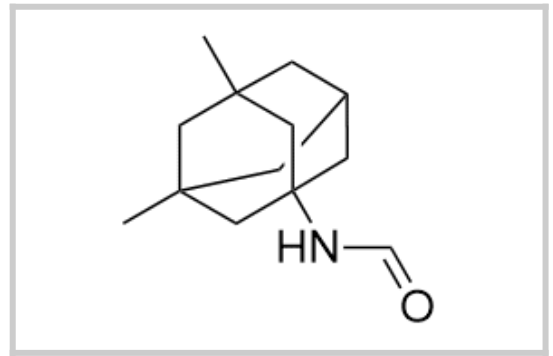
**Chemical Name :**  
N-3,5-Dimethyladamantan-1-yl formamide

**CAT No.** : KMM012012

**CAS No.** : 351329-88-9

**Molecular Formula** : C<sub>13</sub>H<sub>21</sub>NO

**Molecular Weight** : 207.3



### Analytical Information

**Batch No.** : MEMA-RC-E-019-313

**Description** : White Solid

**HPLC Purity** : 97.84 %

**Weight Loss By TGA** : 0.41 %

**% Potency** : 97.44 %

**Solubility** : ACN

**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 - 0.41(Weight Loss By TGA)] x [97.84(HPLC Purity)]/100 = 97.44 %

Remarks : COA Re-generated on 30.08.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		30/08/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		30/08/2024

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