

# **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 :**

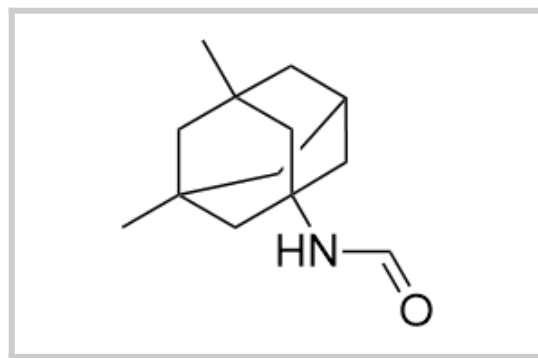
N-3,5-Dimethyladamantan-1-yl formamide

**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

**Solubility** : ACN

**Description** : White Solid

**Mass** : Confirm

**HPLC Purity** : 97.84 %

**IR** : Confirm

**Weight Loss By TGA** : 0.41 %

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

**% Potency** : 97.44 %

### **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       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 30/08/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 30/08/2024 |

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