CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

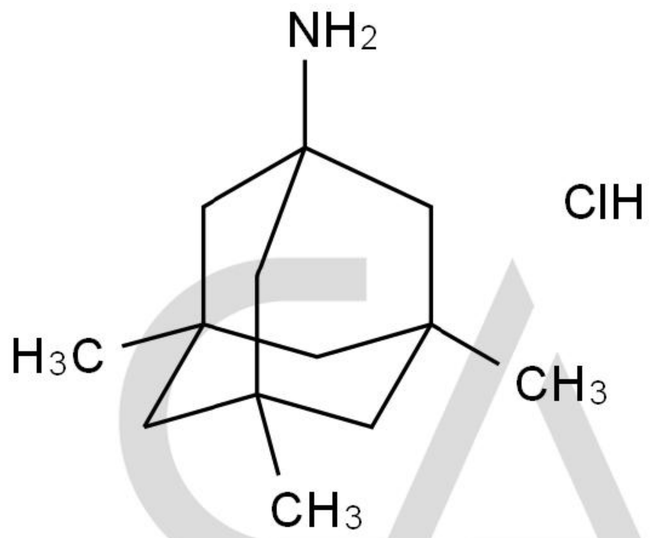
**No.: 202506180029**

# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Memantine Related Compound H | **Catalogue Number:** | C4X-105837 |
| **Synonyms:** | 3,5,7-trimethyl-amantadine hydrochloride | **Lot Number:** | 0304-RG-0117 |
| **CAS Number:** | 15210-60-3 | **Expiry Date:** | Jun 17, 2028 |
| **Molecular Formula:** | C13H23N HCl | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 193.33 36.46 | **Warning:** |  |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | ELSD | 99.4% |
| **Assay** | qNMR | 95.8% |

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## Comment:

*Assay was determined by quantitative 1H-NMR.*

**Signature:**

Prepared by: Koji Date: Jun 18, 2025

Reviewed by: Lisa Date: Jun 18, 2025

Approved by General Manager: David Date: Jun 18, 2025

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