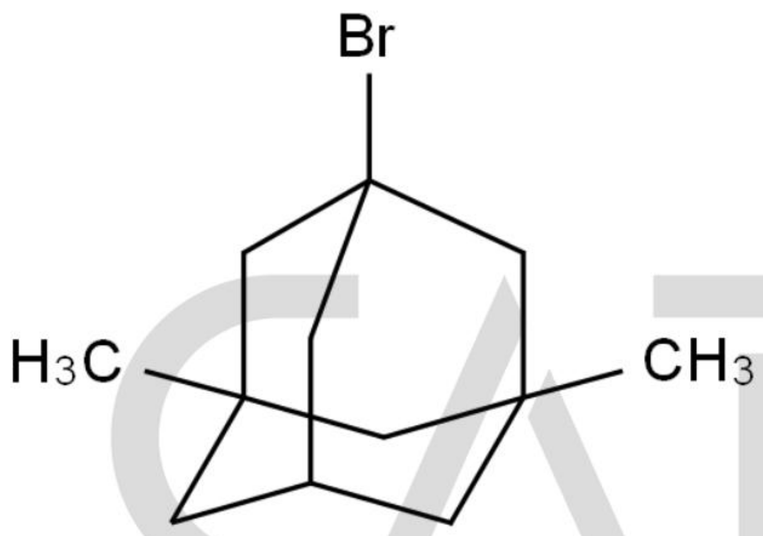
Certificate of Analysis

Reference Material & Standard

Product Name:	Memantine Related Compound D	**Catalogue Number:**	C4X-10584
Synonyms:	N/A	**Lot Number:**	1106-RH-0067
CAS Number:	941-37-7	**Expiry Date:**	Nov 05, 2030
Molecular Formula:	$C_{12}H_{19}Br$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	243.18	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.2744%
Assay	Mass Balance	99.7%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content) * Purity GC (%) /100%*
Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by: Koi — Date: Nov 06, 2026

Reviewed by: Lisa — Date: Nov 06, 2026

Approved by General Manager: David — Date: Nov 06, 2026

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