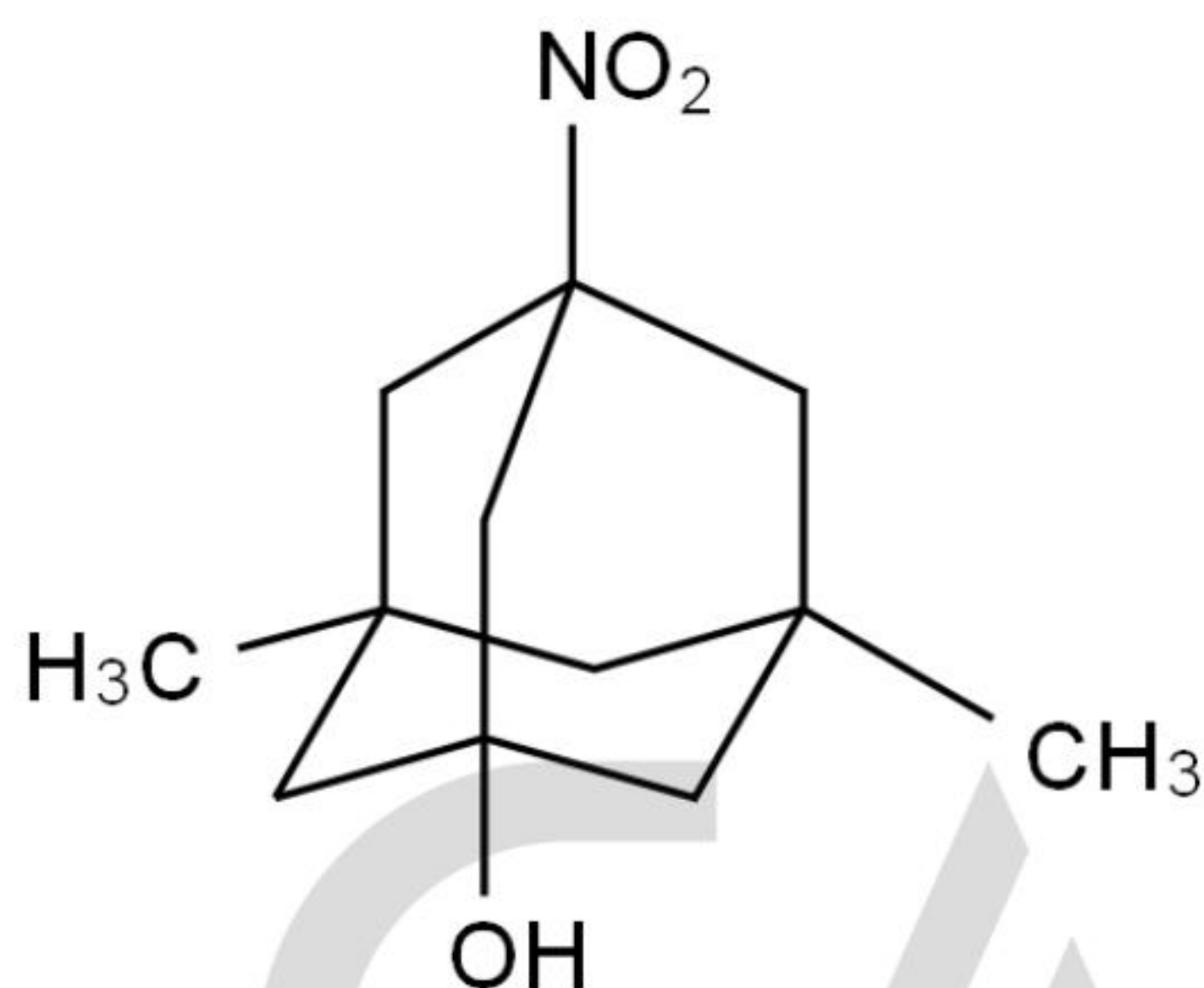


Certificate of Analysis

Reference Material

Product Name:	Memantine Impurity 21	Catalogue Number:	C4X-105821
Chemical Name:	N/A	Lot Number:	1123-RD-0018
CAS Number:	N/A	Expiry Date:	Nov 27, 2025
Molecular Formula:	C ₁₂ H ₁₉ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	225.28		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.622%
Loss On Drying	TGA	0.0487%
Assay		97.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Delia

Reviewed by:

Nacy

Aporoved by General manager:

David

Date: Nov 28, 2022

Date: Nov 29, 2022

Date: Nov 29, 2022

