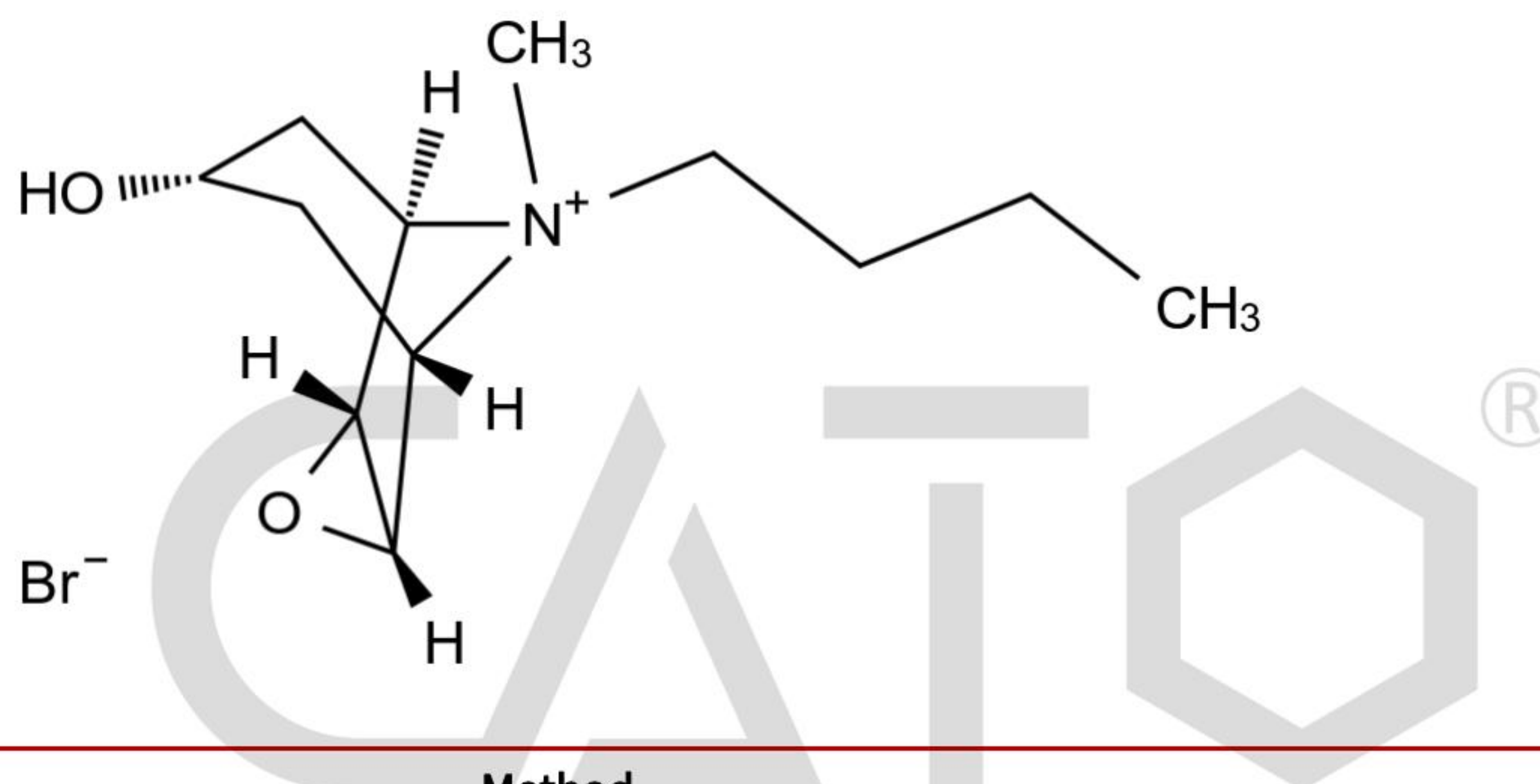


Certificate of Analysis

Reference Material & Standard

Product Name:	Scopolamine Impurity 21	Catalogue Number:	C4X-195821
Synonyms:	N/A	Lot Number:	0527-RF-0077
CAS Number:	2030294-83-6	Expiry Date:	Mar 29, 2026
Molecular Formula:	C ₁₂ H ₂₂ NO ₂ Br	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	212.31 79.90		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0000%
Loss On Drying	TGA	0.303%
Assay		99.7%

Comment:

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

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

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

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 31, 2024

Date: May 31, 2024

Date: May 31, 2024

