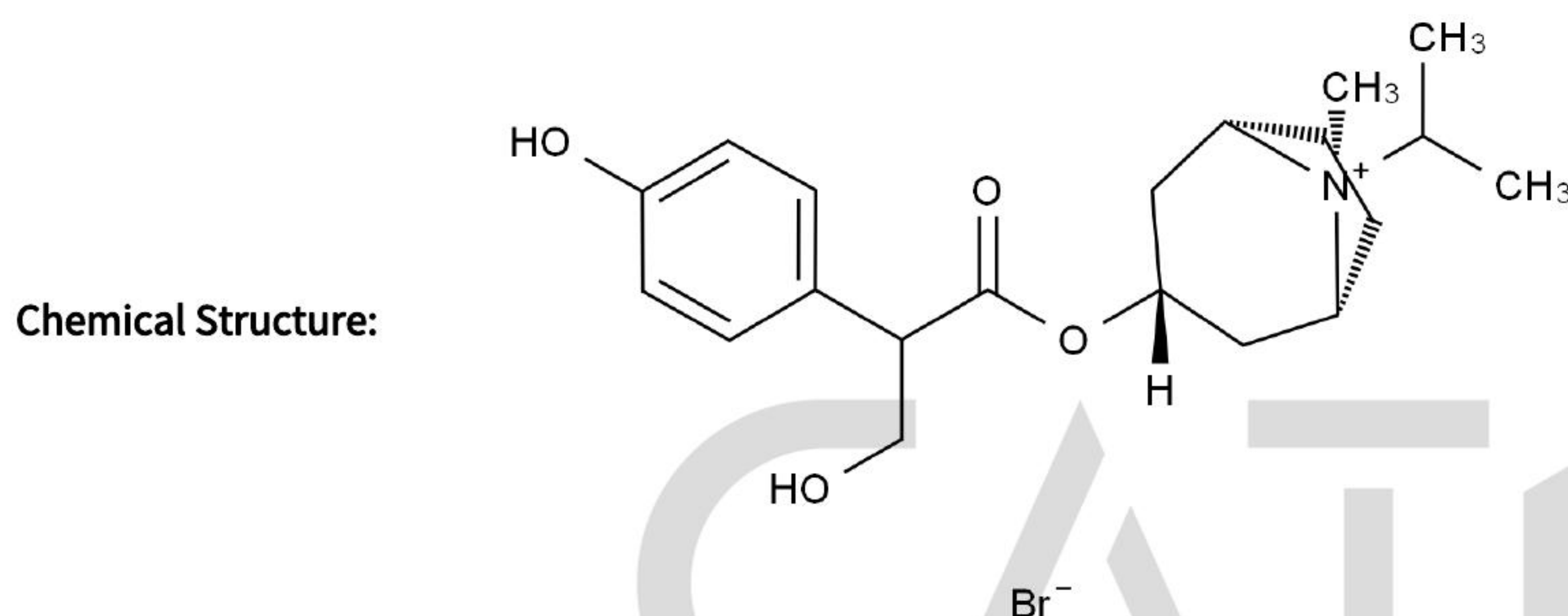


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Hydroxy Ipratropium Bromide	Catalogue Number:	C4X-166521
Synonyms:	N/A	Lot Number:	0303-RG-0036
CAS Number:	N/A	Expiry Date:	Feb 27, 2028
Molecular Formula:	C ₂₀ H ₃₀ NO ₄ Br	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	348.46 79.90		



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0000%
Loss On Drying	TGA	0.3269%
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: Mar 03, 2025

Date: Mar 03, 2025

Date: Mar 03, 2025

