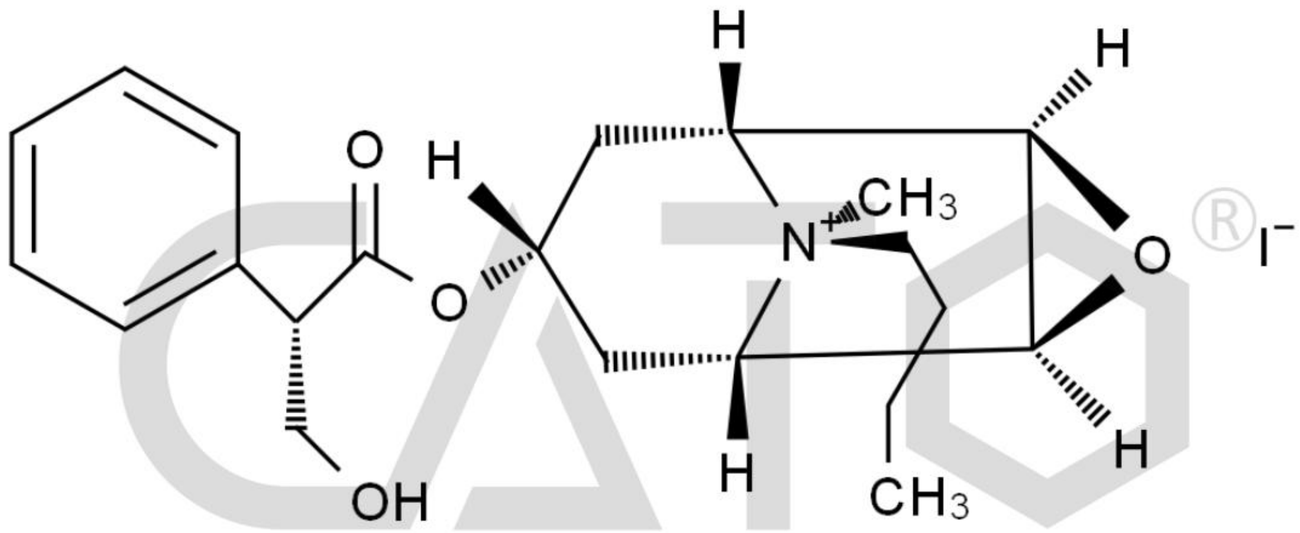
Certificate of Analysis

Reference Material & Standard

Product Name:	Hyoscine Butylbromide EP Impurity F Iodine	**Catalogue Number:**	C4X-195812
Synonyms:	N/A	**Lot Number:**	1213-RF-0003
CAS Number:	N/A	**Expiry Date:**	Nov 06, 2027
Molecular Formula:	$C_{21}H_{30}NO_4I$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	360.47 126.90	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.905%
Water Content	Karl Fischer	0.95%
Residual Solvents	NMR	0.07% dichloromethane
Assay	Mass Balance	97.9%

Comment:

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

Signature:

Prepared by: Date: Sep 30, 2026

Reviewed by: Date: Sep 30, 2026

Approved by General Manager: Date: Sep 30, 2026

CATO Research Chemicals Inc.

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175 Email: supports@cato-chem.com Web: https://www.cato-chem.com

ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SGS

Official WeChat