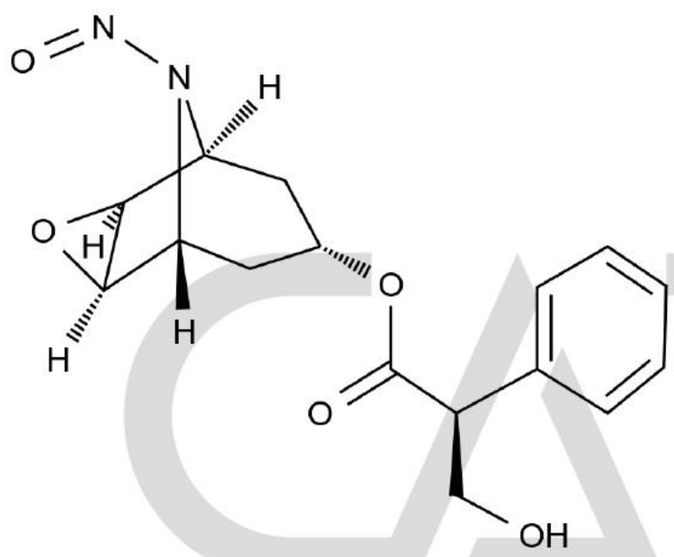
Certificate of Analysis

Reference Material & Standard

Product Name:	Scopolamine impurity 26	**Catalogue Number:**	C4X-195826
Synonyms:	N-Nitroso Scopolamine EP Impurity A	**Lot Number:**	1019-RH-0065
CAS Number:	N/A	**Expiry Date:**	Sep 29, 2030
Molecular Formula:	$C_{16}H_{18}N_2O_5$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	318.32	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.0000%
Loss on Drying	TGA	3.622%
Assay	Mass Balance	96.4%

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Comment:

The calculation of the mass balance 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: Date: Oct 21, 2026

Reviewed by: Date: Oct 22, 2026

Approved by General Manager: Date: Oct 22, 2026

CATO Research Chemicals Inc.