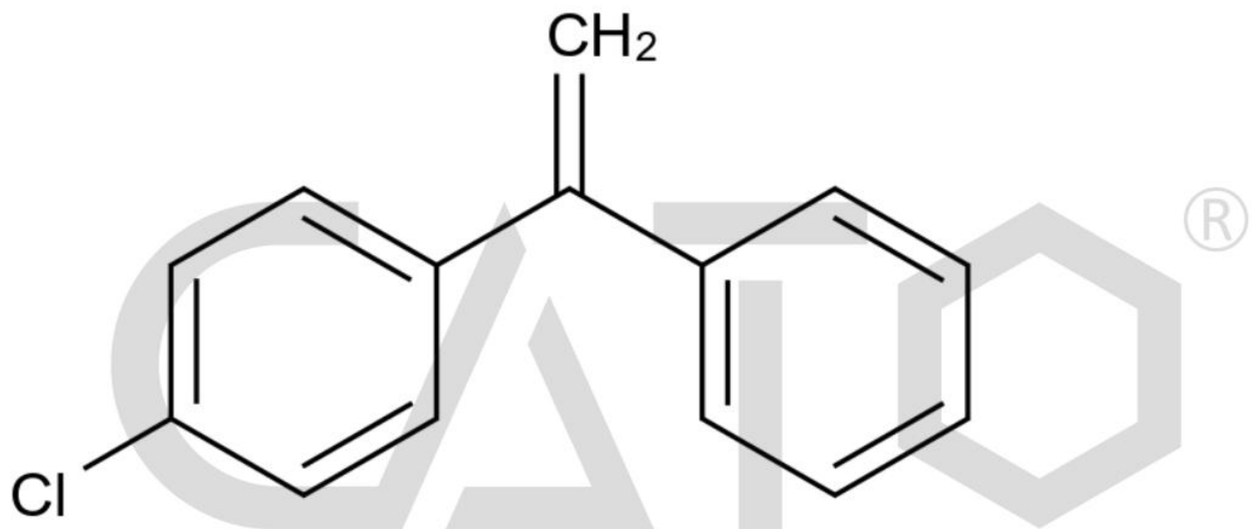
Certificate of Analysis

Reference Material & Standard

Product Name:	Chloramistine Impurity 8 (stabilized with TBC)	**Catalogue Number:**	C4X-18378
Synonyms:	N/A	**Lot Number:**	1012-RH-0122
CAS Number:	18218-20-7	**Expiry Date:**	Nov 14, 2028
Molecular Formula:	$C_{14}H_{11}Cl$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	214.69	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.153%
Residue on Ignition	TGA	0.3295%
Loss on Drying	TGA	0.0337%
Assay	Mass Balance	98.8%

Comment:

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

Signature:

Prepared by: Koi Date: Oct 14, 2026

Reviewed by: Lisa Date: Oct 14, 2026

Approved by General Manager: David Date: Oct 14, 2026

CATO Research Chemicals Inc.