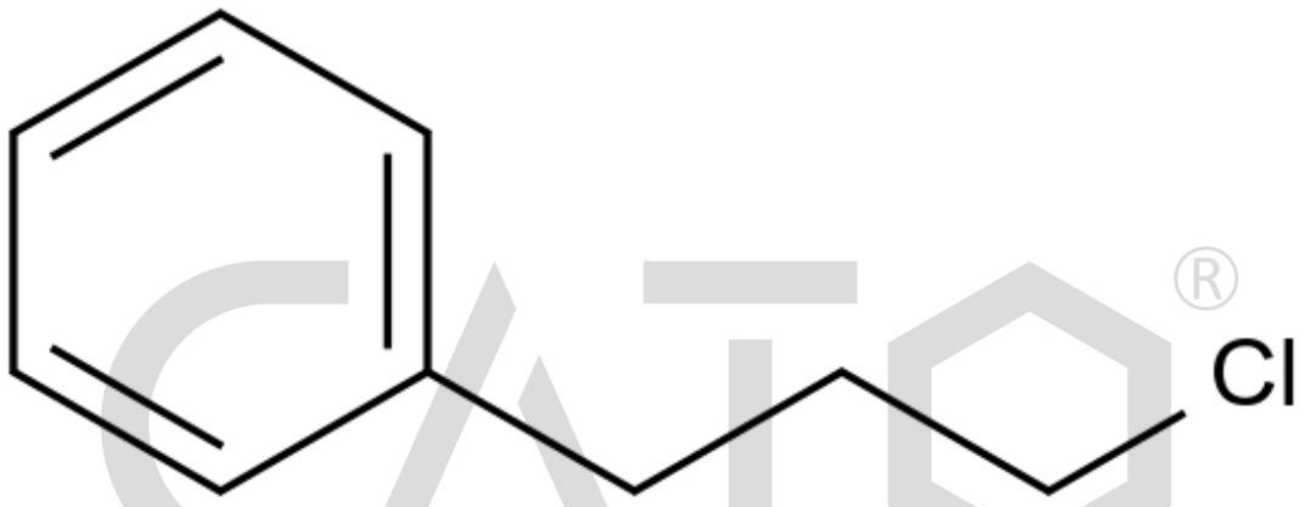
Certificate of Analysis

Reference Material & Standard

Product Name:	Alverine EP Impurity A	**Catalogue Number:**	C4X-15391
Synonyms:	N/A	**Lot Number:**	0312-RF-0043
CAS Number:	104-52-9	**Expiry Date:**	Oct 20, 2030
Molecular Formula:	$C_9H_{11}Cl$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	154.64	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.7%
Assay	qNMR	98.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koi Date: Oct 21, 2026

Reviewed by: Lisa Date: Oct 22, 2026

Approved by General Manager: David Date: Oct 22, 2026

CATO Research Chemicals Inc.