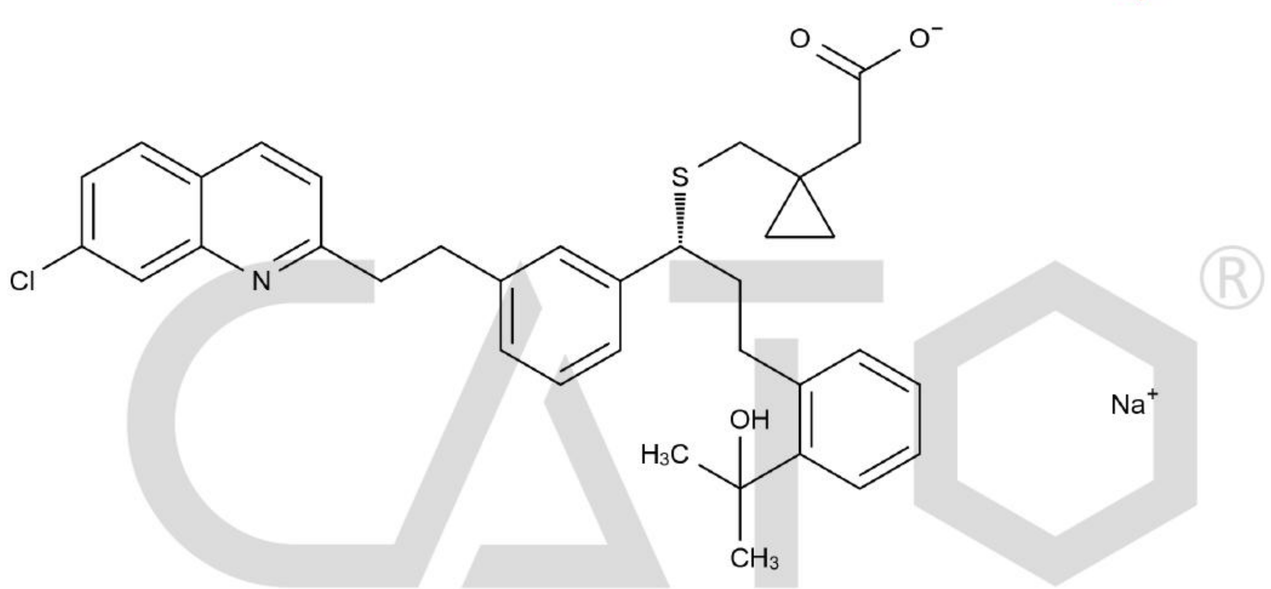
Certificate of Analysis

Reference Material & Standard

Product Name:	Montelukast Impurity 21	**Catalogue Number:**	C4X-103121
Synonyms:	N/A	**Lot Number:**	1027-RH-0014
CAS Number:	142147-98-6	**Expiry Date:**	Nov 04, 2030
Molecular Formula:	$C_{35}H_{37}ClNO_3S$ Na	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	587.19 22.99	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	DMSO	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	94.7%
Assay	qNMR	91.7%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Nov 11, 2026

Reviewed by: Lisa Date: Nov 11, 2026

Approved by General Manager: David Date: Nov 11, 2026

CATO Research Chemicals Inc.