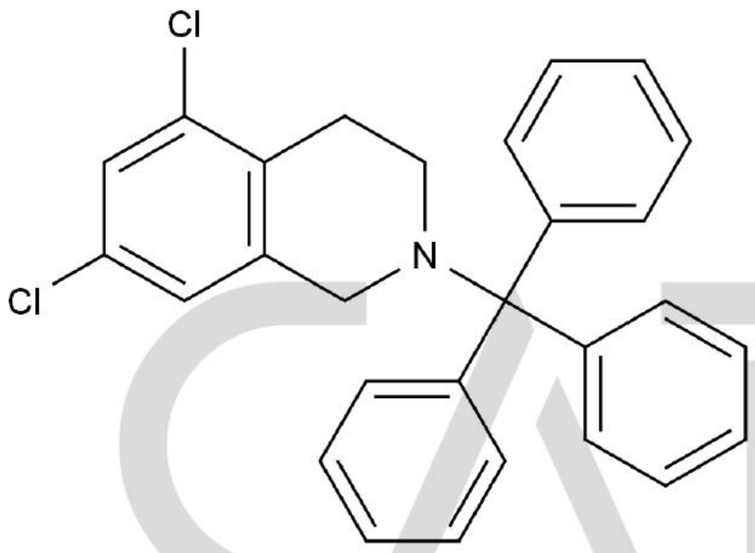
Certificate of Analysis

Reference Material & Standard

Product Name:	Lifitegrast Impurity 9	**Catalogue Number:**	C4X-24099
Synonyms:	N/A	**Lot Number:**	0816-RH-0060
CAS Number:	1289646-72-5	**Expiry Date:**	Aug 25, 2030
Molecular Formula:	$C_{28}H_{23}Cl_2N$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	444.39	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.302%
Loss on Drying	TGA	3.1547%
Assay		96.2%

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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: Alice Date: Aug 26, 2026

Reviewed by: Koi Date: Aug 26, 2026

Approved by General Manager: David Date: Aug 26, 2026

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