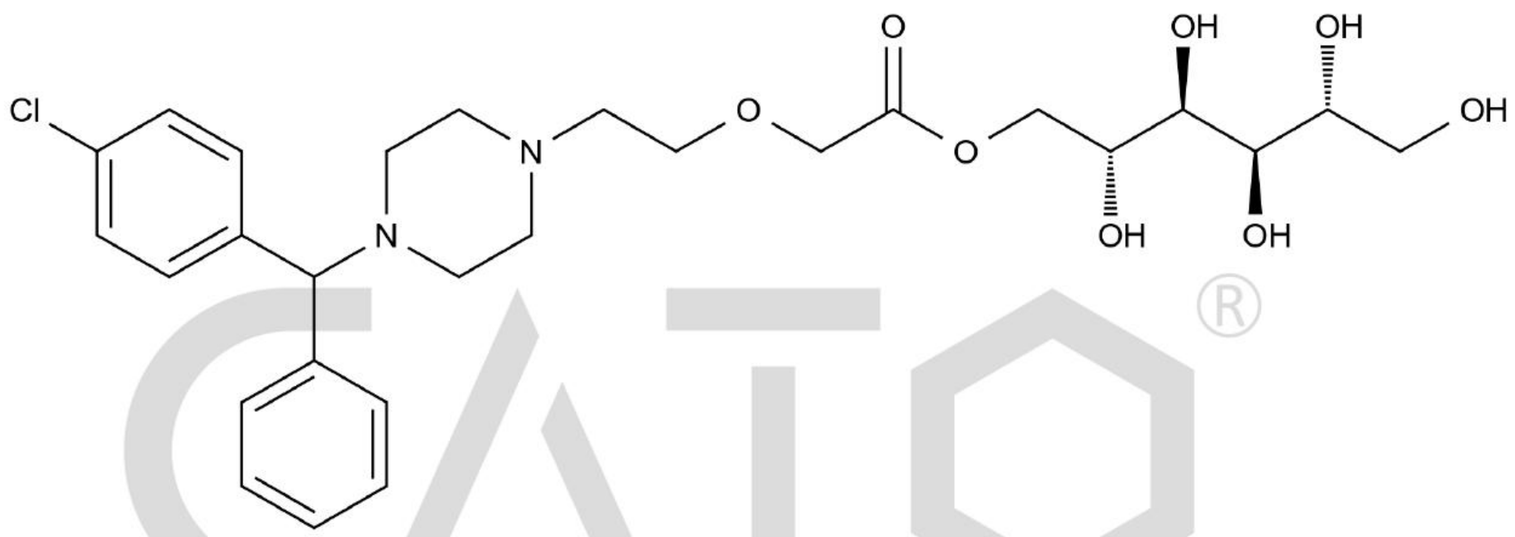
Certificate of Analysis

Reference Material & Standard

Product Name:	Cetirizine Impurity 8	**Catalogue Number:**	C4X-15828
Synonyms:	N/A	**Lot Number:**	0820-RH-0100
CAS Number:	1384888-64-5	**Expiry Date:**	Aug 17, 2030
Molecular Formula:	$C_{27}H_{37}ClN_2O_8$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	553.04	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.105%
Loss on Drying	TGA	3.86%
Assay		91.4%

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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: Jim — Date: Aug 21, 2026

Reviewed by: Alice — Date: Aug 21, 2026

Approved by General Manager: David — Date: Aug 21, 2026

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