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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

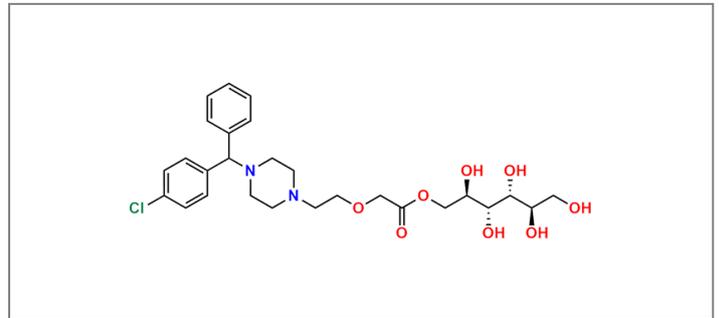
Re-test Date: Nov 2028

**Product Name: Cetirizine Sorbitol Ester Impurity**

### Identification:

Chemical Name: (2R,3R,4R,5R)-2,3,4,5,6-Pentahydroxyhexyl 2-(2-(4-((4-chlorophenyl)(phenyl)methyl)piperazin-1-yl)ethoxy)acetate

Synonyms : NA  
CAS Number : 1384888-64-5  
CAT Number : CP-C14028  
Molecular Formula : C<sub>27</sub>H<sub>37</sub>ClN<sub>2</sub>O<sub>8</sub>  
Molecular Weight : 553.05  
Batch Number : CP-35-244  
Storage Condition : Tightly closed, Inert atmosphere at -20° C  
Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.28%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	<sup>13</sup> CNMR	Confirm to Structure
7)	IR	Confirm to Structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.