Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

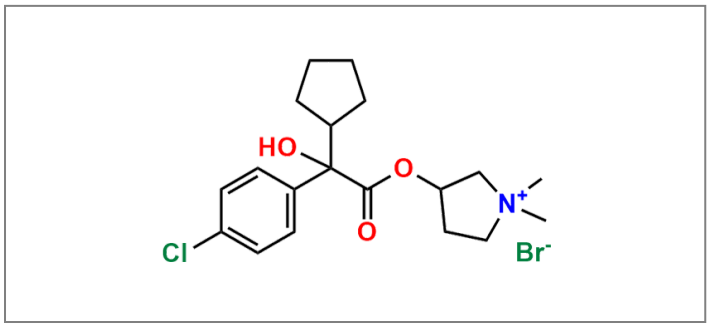
CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024 Re-test Date: Feb 2027

Product Name: Glycopyrrolate Related compound I

Identification:

Chemical Name: (3RS)-3-[(2SR)-(2-(4-Chlorophenyl)-2-cyclopentyl-2-hydroxyacetyl)oxy]-1,1-dimethylpyrrolidinium bromide



Synonyms	:	Chloroglycopyrrolate ; Glycopyrronium Bromide EP Impurity I
CAS Number	:	1404453-68-4
CAT Number	:	CP-G2016
Molecular Formula	:	C19H27ClNO3 : Br
Molecular Weight	:	352.9 : 79.9
Batch Number	:	CHEM-GLY-I
Storage Condition	:	Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition	:	All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.94%
5)	1HNMR	Confirm to structure
6)	FT-IR	-

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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