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## CERTIFICATE OF ANALYSIS

Analysis Date:

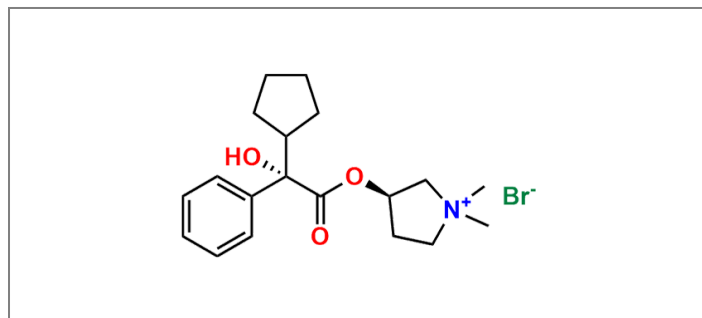
Re-test Date:

**Product Name: Glycopyrrolate Impurity 24**

### Identification:

Chemical Name: (R)-3-((S)-2-cyclopentyl-2-hydroxy-2-phenylacetoxy)-1,1-dimethylpyrrolidin-1-ium, bromide (1:1)

Synonyms : NA  
CAS Number : 129784-11-8  
CAT Number : CP-G2032  
Molecular Formula : C<sub>19</sub>H<sub>28</sub>NO<sub>3</sub> : Br  
Molecular Weight : 318.44 : 79.90



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

### Approved By

Ms Rohini Gagare  
(QA Head)

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