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## CERTIFICATE OF ANALYSIS

Analysis Date:

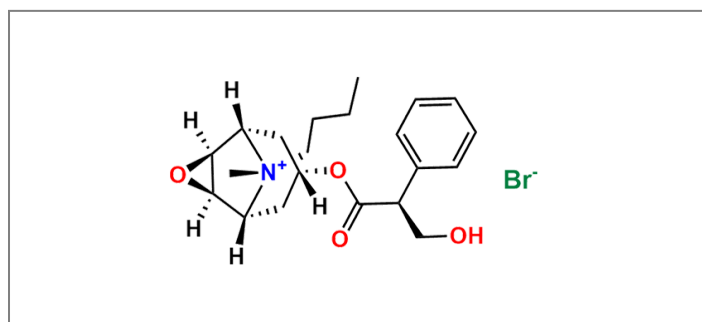
Re-test Date:

**Product Name: N-Butyl Scopolamine Bromide**

### Identification:

Chemical Name: (1R,2R,4S,5S,7s,9r)-9-Butyl-7-[[[(2`S)-3`-hydroxy-2`-phenylpropanoyl]oxy]-9-methyl-3-oxa-9-azatricyclo[3.3.1.0<sup>2,4</sup>]nonan-9-ium, bromide (1:1)

Synonyms : NA  
CAS Number : 149-64-4  
CAT Number : CP-S114012  
Molecular Formula : C<sub>21</sub>H<sub>30</sub>NO<sub>4</sub> : Br  
Molecular Weight : 360.48 : 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.