

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: Aug 2022

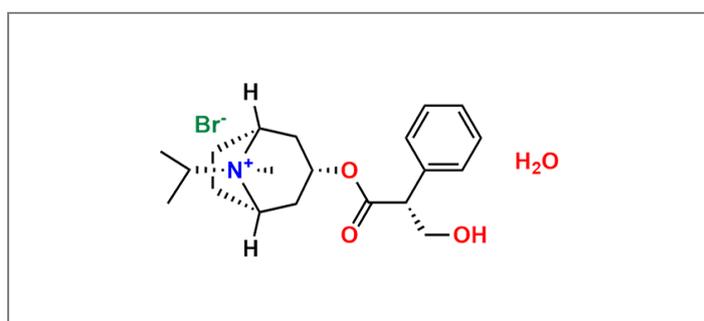
Re-test Date: Jul 2025

Product Name: Ipratropium Bromide Hydrate (In House Standard)

Identification:

Chemical Name: (1R,3r,5S,8R)-3-(((R)-3-Hydroxy-2-phenylpropanoyl)oxy)-8-isopropyl-8-methyl-8-azabicyclo[3.2.1]octan-8-ium bromide hydrate

Synonyms : NA
CAS Number : 66985-17-9
CAT Number : CP-I4008
Molecular Formula : C₂₀H₃₀NO₃ : Br : H₂O
Molecular Weight : 332.5 : 79.9 : 18.0
Batch Number : CHEM-IPR-BR
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 By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 98.91% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | 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.