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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2022

Re-test Date: Mar 2025

**Product Name: Ipratropium EP Impurity C**

### Identification:

Chemical Name: 3-hydroxy-2-phenylpropanoic acid

Synonyms : Ipratropium Bromide USP  
Related Compound C ; DL-Tropic  
Acid

CAS Number : 552-63-6

CAT Number : CP-I4003

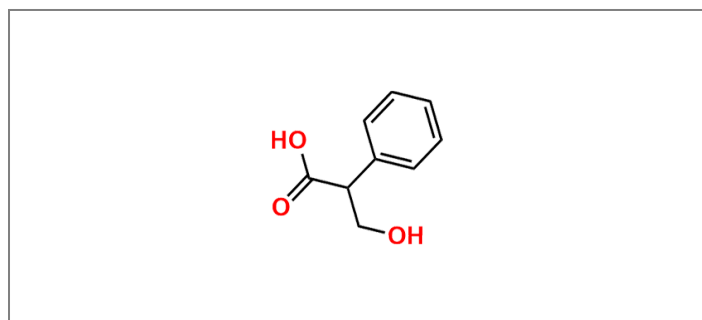
Molecular Formula : C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>

Molecular Weight : 166.17

Batch Number : CHEM-IPR-C

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	Off White to White Solid
2)	Solubility	Soluble in Methanol
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.85%
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.