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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

Product Name: Trospium Chloride EP Impurity A

Identification:

Chemical Name: hydroxydiphenylacetic acid (as per EP)

Synonyms : Benzilic acid ; Trospium Chloride
USP Related Compound A

CAS Number : 76-93-7

CAT Number : CP-T52001

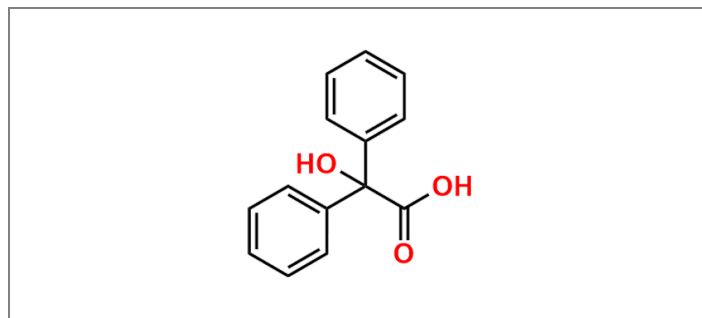
Molecular Formula : C₁₄H₁₂O₃

Molecular Weight : 228.25

Batch Number : CP-TRO-CHLA-0325

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)	Solubility	Soluble in Methanol/DMSO
2)	MASS By LCMS	Confirm to structure
3)	Purity By HPLC	99.61%
4)	¹ HNMR	Confirm to structure
5)	¹³ CNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.089%
8)	Potency by TGA	99.52%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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