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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Carbidopa EP Impurity G

Identification:

Chemical Name: 1-(3,4-Dihydroxyphenyl)propan-2-one

Synonyms : Carbidopa BP Impurity G ;
Dihydroxyphenylacetone (USP)

CAS Number : 2503-44-8

CAT Number : CP-C54013

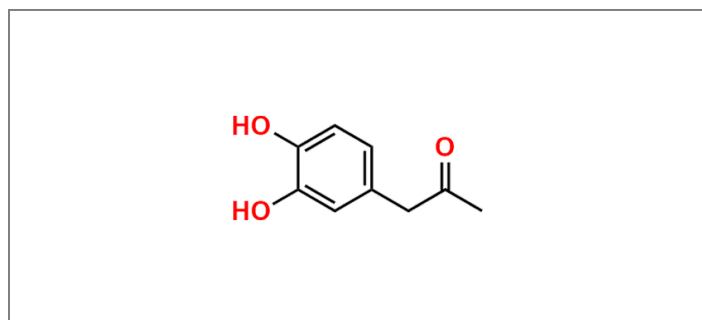
Molecular Formula : C₉H₁₀O₃

Molecular Weight : 166.18

Batch Number : CP-CAR-G-0425

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



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	99.52%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.199%
8)	Potency by TGA	99.32%



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.