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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

**Product Name: 1-(3,4-dihydroxyphenyl)-2,2-dihydroxyethanone or 2-(3,4-dihydroxyphenyl)-2-oxoacetaldehyde**

### Identification:

Chemical Name: 1-(3,4-dihydroxyphenyl)-2,2-dihydroxyethanone or 2-(3,4-dihydroxyphenyl)-2-oxoacetaldehyde

Synonyms : Isoproterenol Diol Impurity or Isoproterenol Impurity 5

CAS Number : NA

CAT Number : CP-I19026

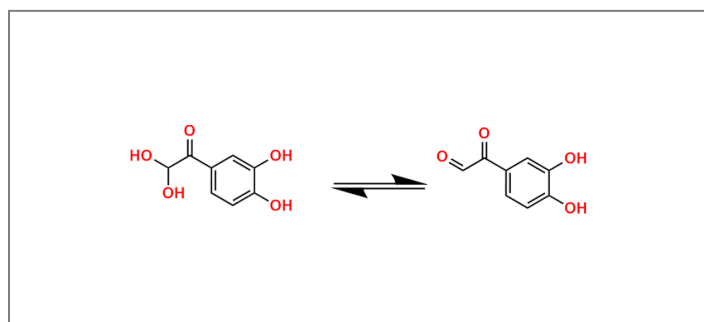
Molecular Formula : C<sub>8</sub>H<sub>8</sub>O<sub>5</sub> : C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>

Molecular Weight : 184.15 : 166.13

Batch Number : CP-ISO-5-0426

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	Peak 1=29.21%(RT=4.265) Peak 2= 68.07%(RT=5.264) Total Purity=97.28%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



#### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

#### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

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