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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2026

**Product Name: Bisoprolol EP Impurity S**

### Identification:

Chemical Name: 4-hydroxybenzaldehyde

Synonyms : NA

CAS Number : 123-08-0

CAT Number : CP-B14019

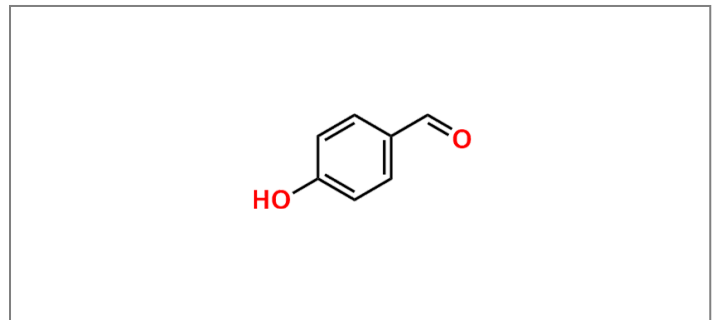
Molecular Formula : C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>

Molecular Weight : 122.12

Batch Number : CP-BIS-S-0324

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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.95%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.126%
8)	Potency by TGA	99.82%



**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.