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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

**Product Name: Pregabalin EP Impurity D**

### Identification:

Chemical Name: 1-methylethyl (2RS)-2-hydroxy-2-phenylacetate

Synonyms : Isopropyl Mandelate

CAS Number : 4118-51-8

CAT Number : CP-P29004

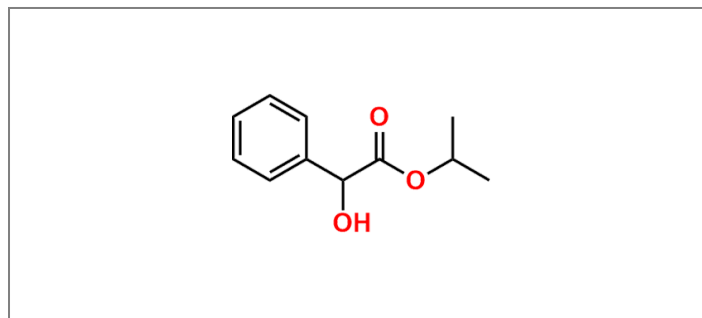
Molecular Formula : C<sub>11</sub>H<sub>14</sub>O<sub>3</sub>

Molecular Weight : 194.23

Batch Number : CP-PRE-D-0924

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	Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.95%
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.