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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2027

**Product Name: Alogliptin Impurity C**

### Identification:

Chemical Name: 4-Methylphthalic acid

Synonyms : NA

CAS Number : 4316-23-8

CAT Number : CP-A13011

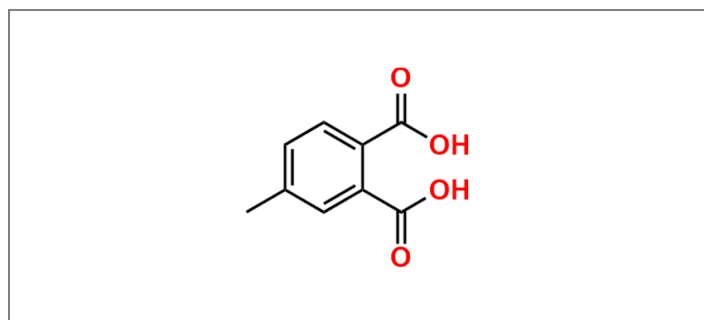
Molecular Formula : C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>

Molecular Weight : 180.2

Batch Number : CP-ALO-C-0424

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.36%
5)	<sup>1</sup> HNMR	Confirm to structure



### 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.