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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Bupropion USP Related Compound E**

### Identification:

Chemical Name: 1-(3-Chlorophenyl)propane-1,2-dione

Synonyms : Bupropion dione derivative (USP)

CAS Number : 10557-17-2

CAT Number : CP-B21005

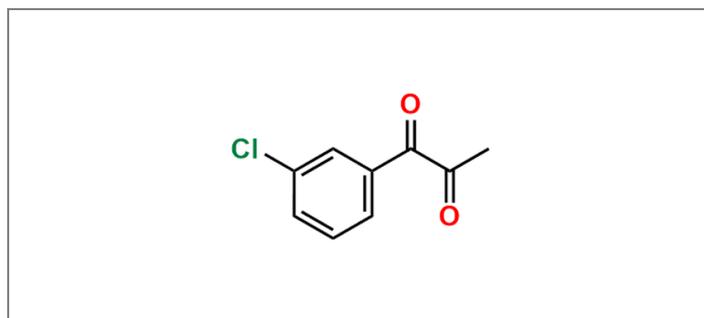
Molecular Formula : C<sub>9</sub>H<sub>7</sub>ClO<sub>2</sub>

Molecular Weight : 182.60

Batch Number : CP-BUP-E-0525

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	90.34%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	<sup>13</sup> CNMR	Confirm to Structure
7)	IR	Confirm to Structure



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.