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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2023

Re-test Date: Dec 2025

**Product Name: Buspirone EP Impurity L**

### Identification:

Chemical Name: 8-(4-Chlorobutyl)-8-azaspiro[4.5]decane-7,9-dione

Synonyms : Buspirone USP Related  
Compound L

CAS Number : 21098-11-3

CAT Number : CP-B22012

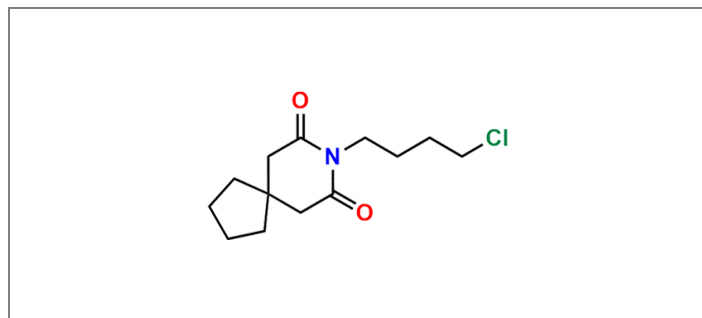
Molecular Formula : C<sub>13</sub>H<sub>20</sub>ClNO<sub>2</sub>

Molecular Weight : 257.76

Batch Number : CHEM-BUS-L

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	Colorless to pale yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.88%
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.