

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

Product Name: Buspirone EP Impurity K

Identification:

Chemical Name: 8-Azaspiro[4.5]decane-7,9-dione (as per EP)

Synonyms : Buspirone USP Related
Compound K

CAS Number : 1075-89-4

CAT Number : CP-B22011

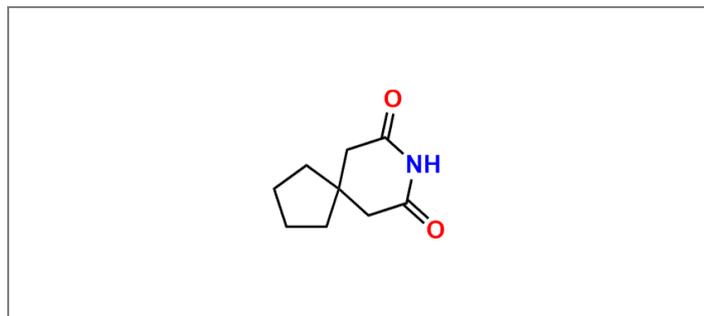
Molecular Formula : C₉H₁₃NO₂

Molecular Weight : 167.21

Batch Number : CP-BUS-K-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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.82%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.077%
7)	Potency by TGA	99.74%



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.