

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: Jul 2025

Re-test Date: Jun 2028

Product Name: Buspirone EP Impurity G

Identification:

Chemical Name: 2,2'-(Piperazine-1,4-diyl)dipyrimidine (as per EP)

Synonyms : Buspirone USP Related
Compound G

CAS Number : 84746-24-7

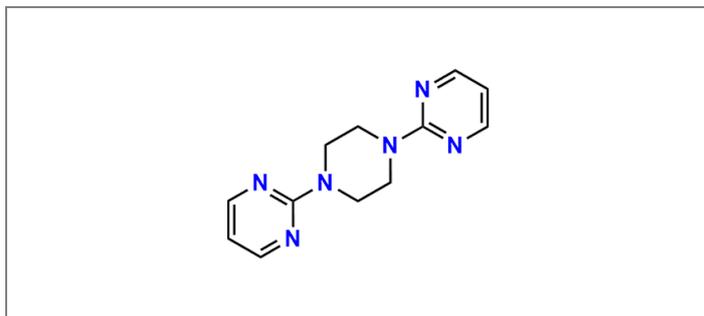
CAT Number : CP-B22007

Molecular Formula : C₁₂H₁₄N₆

Molecular Weight : 242.28

Batch Number : CHEM-BUS-G

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	99.89%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	0.026%
7)	Potency by TGA	99.86%



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.