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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

Re-test Date: Aug 2026

Product Name: Buspirone EP Impurity B

Identification:

Chemical Name: 8-(Pyrimidin-2-yl)-8-aza-5-azoniaspiro[4.5]decane bromide

Synonyms : Buspirone Spiroammonium Salt
Impurity (USP)

CAS Number : 81461-73-6

CAT Number : CP-B22002

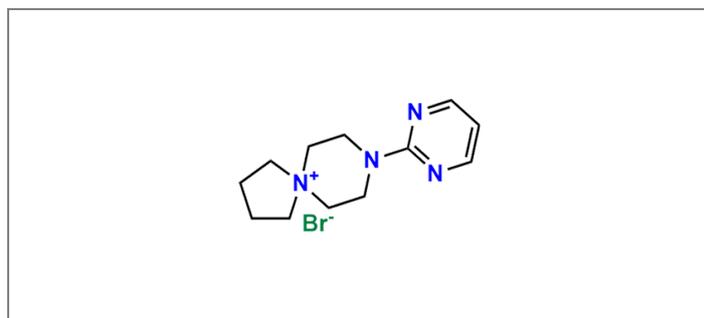
Molecular Formula : C₁₂H₁₉N₄ : Br

Molecular Weight : 219.3 : 79.9

Batch Number : CHEM-BUS-B

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	99.94%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.305%
8)	Potency by TGA	98.63%



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.