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CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

Product Name: Bupivacaine EP Impurity B

Identification:

Chemical Name: N-(2,6-Dimethylphenyl)-2-piperidinecarboxamide

Synonyms : N-Desbutyl Bupivacaine ;
Bupivacaine USP Related
Compound B

CAS Number : 15883-20-2

CAT Number : CP-B20002

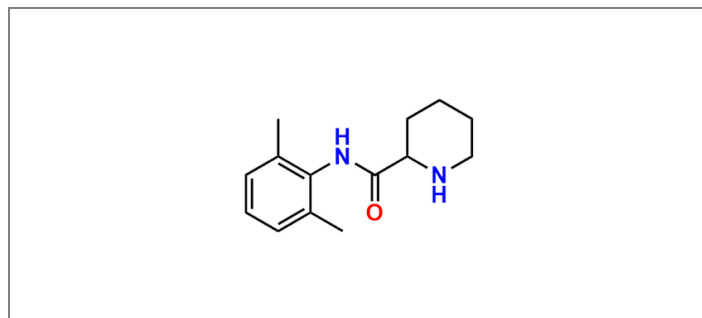
Molecular Formula : C₁₄H₂₀N₂O

Molecular Weight : 232.33

Batch Number : CP-BUP-B-0624

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	99.90%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	0.184%
7)	Potency by TGA	99.71%



Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.