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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

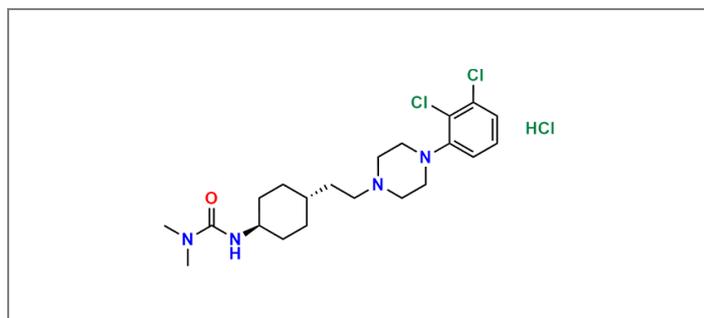
Re-test Date: May 2027

**Product Name: Cariprazine hydrochloride**

### Identification:

Chemical Name: 3-((1r,4r)-4-(2-(4-(2,3-Dichlorophenyl)piperazin-1-yl)ethyl)cyclohexyl)-1,1-dimethylurea hydrochloride

Synonyms : NA  
CAS Number : 1083076-69-0  
CAT Number : CP-C57006  
Molecular Formula : C<sub>21</sub>H<sub>32</sub>Cl<sub>2</sub>N<sub>4</sub>O : HCl  
Molecular Weight : 427.4 : 36.46  
Batch Number : CP-CAR-IN-HCL-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	99.44 %
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	1.289 %
7)	Potency by TGA	98.16 %



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.