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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## **Product Name: Pitolisant Impurity 5**

## Identification:

Chemical Name: 1,1-bis(3-chloropropyl)piperidin-1-ium, chloride

Synonyms	: NA	
CAS Number	: NA	
CAT Number	: CP-P214010	N <sup>+</sup> CI
Molecular Formula	: C11H22Cl2N : Cl	
Molecular Weight	: 239.20 : 35.45	CI

## **Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



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.