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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

**Product Name: Loperamide EP Impurity C**

### Identification:

Chemical Name: 4-(4-chlorophenyl)piperidin-4-ol

Synonyms : Chlorophenylpiperidinol (USP)

CAS Number : 39512-49-7

CAT Number : CP-L22003

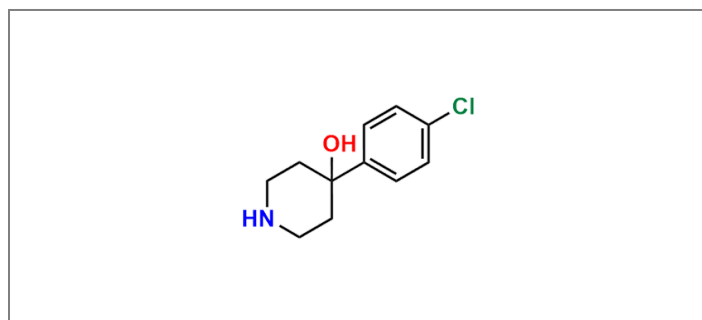
Molecular Formula : C<sub>11</sub>H<sub>14</sub>ClNO

Molecular Weight : 211.69

Batch Number : CP-LOP-C-0325

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	OFF White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.71%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure



### 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.