

Certificate of Analysis

Reference Material & Standard

Product Name:	Ilaprazole Impurity 65 HCl	Catalogue Number:	C4X-113065
Synonyms:	N/A	Lot Number:	1019-RE-0036
CAS Number:	163593-69-9(free base)	Expiry Date:	Mar 16, 2026
Molecular Formula:	C ₈ H ₁₁ NO HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	137.18 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.1476%
Loss On Drying	TGA	1.820%
Assay		97.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jul 25, 2024

Date: Jul 25, 2024

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