CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

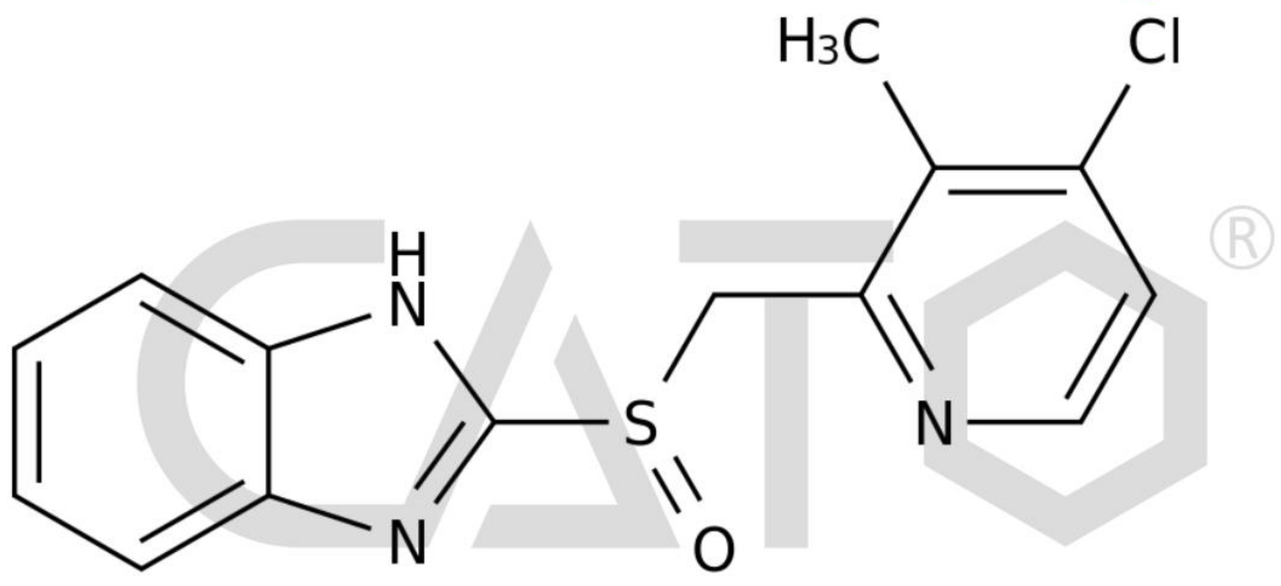
No.: 202603130069

Certificate of Analysis

Reference Material & Standard

Product Name:	Rabeprazole EP Impurity H(Lansoprazole EP Impurity F)	**Catalogue Number:**	C4X-11136
Synonyms:	N/A	**Lot Number:**	0116-RF-0039
CAS Number:	168167-42-8	**Expiry Date:**	Mar 12, 2030
Molecular Formula:	$C_{14}H_{12}ClN_3OS$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	305.78	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Brown-Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.392%
Loss On Drying	TGA	0.0521%
Assay		99.3%

Comment:

The calculation of the mass balance 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: Koi Date: Mar 13, 2026

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CATO Research Chemicals Inc.

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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