CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

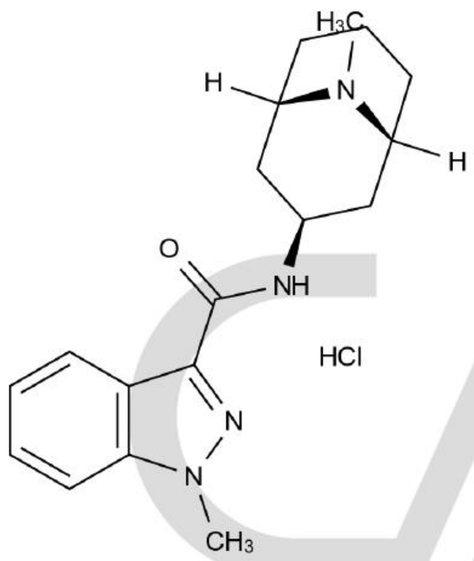
No.: 202601300075

Certificate of Analysis

Reference Material & Standard

Product Name:	Granisetron EP Impurity F	**Catalogue Number:**	C4X-19707
Synonyms:	N/A	**Lot Number:**	0203-RH-0026
CAS Number:	1364914-39-5(free base)	**Expiry Date:**	Feb 01, 2030
Molecular Formula:	$C_{18}H_{24}N_4O$ HCl	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	312.41 36.46	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8964%
Loss On Drying	TGA	0.090%
Assay		99.8%

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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: Date: Feb 05, 2026

Reviewed by: Date: Feb 05, 2026

Approved by General Manager: Date: Feb 05, 2026

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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