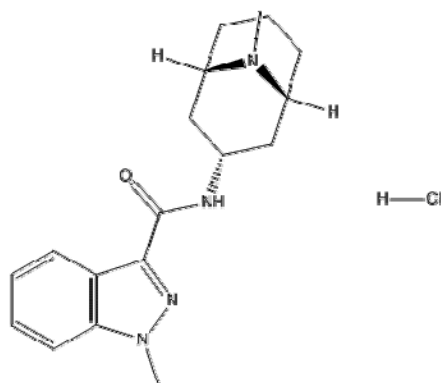


Certificate Of Analysis

Name: Granisetron Hydrochloride
CAS No.: 107007-99-8
Cat No.: A801552
Molecular Formula: C₁₈H₂₄N₄O.HCl
Molecular Weight: 348.87
Batch No.: G16062019
Mfg.Date: 2019.06.16
Exp.Date: 2021.06.15



Items	Specifications	Results
Characters	White or almost white powder	Conforms
Solubility	Freely soluble water; sparingly soluble in methylene chloride, slightly soluble in Methanol	Conforms
Identification		
A: IR	The same to check sample	Conforms
B: Reaction of chlorides	Meet the requirement	Conforms
Appearance of solution	clearly and colourless	Conforms
Acidity(PH)	4.0-6.5	5.7
Loss on drying	≤0.5%	0.1%
Sulfated ash	≤0.1%	0.04%
Heavy metal	≤20ppm	Conforms
Residual solvent		
Methanol	0.3%	0.10%
Methelene dichloride	0.06%	0.005%
Related substances(HPLC)		
Impurity E(TLC)	≤0.5%	Conforms
Impurity A	≤1.0%	Conforms
Impurity B	≤0.5%	Conforms
Impurity C	≤0.2%	Conforms

Impurity D	≤0.1%	Conforms
Any other single impurity	≤0.1%	Conforms
Total impurities	≤1.0%	0.04%
Assay(HPLC)	97 % ---102%	99.9%
Conclusion	Comform to EP9.0 and USP40 standard.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

*If you have any comments and suggestions, please contact us by sales@amadischem.com

*For R&D use only