

CERTIFICATE OF ANALYSIS

Product:	(R)-[(2S, 4S, 5R)- 5-Ethenyl- 1 - azabicyclo[2.2.2]oct -2 -yl](6-methoxyquinolin - 4 -yl) methanol
Catalog Number:	130-95-0
Formula:	C ₂₀ H ₂₄ N ₂ O ₂
Lot No.:	2212013
Expiry Date:	10/2027
Storage:	Room temperature, dry, protect from light,tightly closed container.

TESTS	SPECIFICATIONS	RESULTS
Description	A white crystalline powder, has a very bitter taste.	Conform
Solubility	Freely soluble in ethanol 96%, Chloroform and very slightly soluble in water.	Conform
Identification		
A. Test Fluorescence	A. Appears blue fluorescence	Conform
B. Test Bromine and Ammonia.	B. A green colour develops	Conform
Melting Point	174°C to 178°C	175.7°
Specific Rotation	Between -159° and -172°	-168.09°
Appearance of Solutions	Solution is clear	Conform
The Alkali Impurities	Colourless	Conform
Chloride	No turbidity, Max. 500 ppm	Conform
Sulphate	No turbidity, Max. 500 ppm	Conform
Other Cinchona Alkaloids	No turbidity	Conform
Hydroquinine	Max. 5.0%	4.06%
Anorganic Impurities	Solution is clear	Conform
Loss on Drying	Max. 1.0%	0.4%
Sulphated Ash	Max. 0.1%	0.05%
Assay	Min. 98.5% Calculated on the dried basis.	99.27%
Residual Solvent		
A. Toluene	A. Max. 100 ppm	0.00 ppm
B. Benzene	B. Max. 2 ppm	0.00 ppm

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Quality Inspector

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