



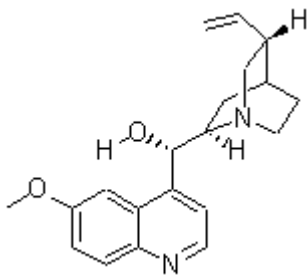
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC081200109

Product name	Quinidine
CAS Number	56-54-2
Molecule Formula	C ₂₀ H ₂₅ N ₂ O ₂
Molecule Structure	
Batch number	20200103
Manufacture date	2020-01-03
Testing date	2020-01-03

Items	Standard	Result
Description	A white, crystalline powder	A white, crystalline powder
solubility	Soluble in Chloroform, insoluble in Water	SoLuble in Chloroform, insoluble in water
Identification by T.L.C	Should be comply	Complies
Specific Optical Rotation (1% solution ethanol)	+255° to+265°	+260.62°
Melting range	167°C to 177°C	172°C to 175°C
Sulphated ash	Not more than 0.2%	0.14%
Loss on drying	Not more than 3.0%	0.52%
Assay on dried basis	Between 99. % to 101.0% on dried basis	99.7%
Conclusion	Qualified	

Hangzhou Dingyan Chem Co., Ltd.

Quality Control: 

CHECK: 姚仙娟

INSPECTOR: 刘清风