

Certificate of Analysis

Product Name:	Quinine(cas130-95-0)		
Batch No.:	QN20200402	Quantity	160KG
Manufacturing	Mar.16,2020	Retest Date:	Mar.15,2023

Test Items	Specifications	Result
Appearance	White or almost white powder	Conforms
Solubility	Soluble in water ,freely soluble in enthanol	Conforms
Identification	A. IR Absorption	Conforms
	B. UV Absorption	Conforms
Loss on drying	$\leq 1.0\%$	0.85%
Residue on ignition	$\leq 0.1\%$	0.02%
Sulphated ash	$\leq 0.1\%$	0.09
PH	6.0-7.0	6.9
Specific rotation	-245℃~-258℃	-248.6℃
Assay	98.0~102.0 % on the dried basis	99.8%

Packaging and storage: Keep in tight containers, protected from light.

Conclusion: All the results conform to the requirement of BP and In-house.



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Corrector:

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Analyst: