



TYPICAL CERTIFICATE OF ANALYSIS

Product : Quinine Bisulphate BP			Page 1 of 1
Reference : British Pharmacopoeia-2024			
Manufactured By : Nicotine Vault		Product code : QBS	
Self Life (Retest Date) : 3 years			
SR.NO	TESTS	SPECIFICATION	RESULTS
1	Appearance	Colourless crystals or a white, crystalline powder; efflorescent in dry air.	A white Crystalline powder, efflorescent in dry air.
2	Solubility	Freely soluble in water, sparingly soluble in ethanol (96%).	Freely soluble in water, sparingly soluble in ethanol (96%)
3	Identification	A) By TLC B) Acidity test D) To give reaction of sulphates	Complies Complies Complies
4	Acidity (pH)	2.8 to 3.4	3.12
5	Specific Optical Rotation	-208° to -216°	-210.82°
6	Other cinchona alkaloids by HPLC		
7.1	Dihydroquinine	Not more than 10.0%	2.28%
7.2	Any related substance Eluted before quinine	Not more than 5.0%	0.32%
7.3	Any other related substance	Not more than 2.5%	0.05%
8	Water content	19.0% to 25.0%	23.82%
9	Sulphated ash	Not more than 0.10 %	0.04%
10	itratable Cation	75.3 % to 79.6 % (OAB)	76.31%
11	Assay (OAB)	NLT 98.5 % & NMT 101.5%	99.95%
REMARK : As opinion of under signed product is <u>Complies/ does not Comply</u> as per prescribe BP-2024.			