

SPECIFICATION

Quinine Sulphate

Parameters	Specification
Appearance	White crystalline powder
Molecular Formula	C ₄₀ H ₅₀ N ₄ O ₈ S
Molecular Weight	458.54 g/mol
Boiling Point	520 °C
Melting Point	195 °C
Flash Point	250 °C
Purity	98–99%
Refractive Index	1.59
Solubility	Soluble in water; soluble in ethanol
Uses	Antimalarial agent; bittering additive in tonic water; pharmaceutical reagent