

SPECIFICATION

Quinine

Parameters	Specification
CAS Number	130-95-0
Appearance	White crystalline solid
Molecular Formula	$C_{20}H_{24}N_2O_2$
Molecular Weight	324.43 g/mol
Boiling Point	360 °C
Melting Point	179 °C
Flash Point	200 °C
Purity	98-99%
Refractive Index	1.642
Solubility	Insoluble in water; soluble in ethanol and methanol
Uses	Antimalarial drug; flavoring agent in tonic water