

Specification

Technical Data Sheet

CAS 60-93-5	STORAGE 2 to 8 &deg;C	MOLECULAR WEIGHT 397.34
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PRODUCT**Quinine dihydrochloride**

Product number	37882590
CAS number	60-93-5
Molecular formula	C ₂₀ H ₂₆ Cl ₂ N ₂ O ₂
Molecular weight	397.34 g/mol

PARAMETER	SPECIFICATION
Appearance	White to off-white powder
Grade	BP Grade
Loss on Drying	<3.0%
pH	2 - 3
Solubility	Very soluble in water, soluble in ethanol
Specific optical rotation	-223 to -229
Sulphated Ash	≤0.1%
Titratable Cation	79.7 - 84.2 %
Any other related substances	<2.5%
Assay (dried basis)	99% min
Sulphates (SO₄)(2-)	<500ppm

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

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