

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Quinine hydrochloride dihydrate**
Specifications & Purity: **99%**
SKU #: **Q107527**

Parameter	Limit Values
Loss on drying(105 °C, 60 Minutes)	0-10 (%)
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 0.1 \text{ M HCl in calcd.on dried})$	-255--245 (°)
Purity(Nonaqueous Titration)(calcd.on dried substance)	99-101 (%)
Appearance (Q107527)	White to Off-White Powder, Crystals or Granules
Proton NMR spectrum	Conforms to Structure
Solubility in hot H ₂ O	almost transparency