

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Quinidine**
Specifications & Purity: $\geq 98.0\%$ (contains 5-15% Dihydroquinidine)
SKU #: **Q109702**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in EtOH})}$	260-275 ($^{\circ}$)
Melting point	169-174 ($^{\circ}\text{C}$)
Sulfate Ash	0-0.1 (%)
Heavy metal (as Pb)	0-10 (ppm)
Loss on drying	0-1 (%)
Purity(Nonaqueous Titration)	97.5-102.5 (%)
Appearance (Q109702)	White or off-white powder
Proton NMR spectrum	Conforms to Structure
Dihydroquinidine (NMR)	5-15 (%)