

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **1,10-Phenanthroline monohydrochloride monohydrate**
Specifications & Purity: Analytical Reagent, 97.0 %
SKU #: **P109272**

Parameter	Limit Values
Sulfate Ash	0-0.1 (%)
Water by Karl Fischer	0-8.5 (%)
Appearance (P109272)	white to off-white powder, crystals and/or chunks
Solubility in H ₂ O , 0.1 g/mL, transparent	pass
Proton NMR spectrum	Conforms to Structure
Melting point	224-227 (°C)
Purity(HPLC area)	97-100 (%)