

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-20 14:30:02
 Date of Next Testing: 2026-07-19 14:30:02
 Product Name: **4-Nitroquinoline N-oxide (4-NQO)**
 CAS Number: 56-57-5
 Specifications & Purity: $\geq 98\%$
 Lot #: G2214506
 SKU #: **N113910**
 Version: **1**
 Analysis #: **115828**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.44800 %
Nitrogen by Elemental Analysis	14.4-15.1 (%)	14.41000 %
Melting point	154-157 ($^{\circ}\text{C}$)	156.23000 $^{\circ}\text{C}$
Carbon by Elemental Analysis	55.4-58.3 (%)	56.44000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.47000 %
Appearance (N113910)	Light Yellow to Orange Powder, Crystals or Chunks	Light Yellow to Orange Powder, Crystals or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone , Yellow to Orange, Clear to Slightly Hazy, 25mg/ml	pass	Pass



John Su
QA & QC Manager