

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-22 15:21:58
 Date of Next Testing: 2027-08-21 15:21:58
 Product Name: **4-Nitroquinoline N-oxide (4-NQO)**
 CAS Number: 56-57-5
 Specifications & Purity: $\geq 98\%$
 Lot #: H2315405
 SKU #: **N113910**
 Version: **1**
 Analysis #: **267205**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.55800 %
Nitrogen by Elemental Analysis	14.4-15.1 (%)	14.68000 %
Melting point	154-157 ($^{\circ}\text{C}$)	156.89000 $^{\circ}\text{C}$
Carbon by Elemental Analysis	55.4-58.3 (%)	56.59500 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.96000 %
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