

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-27 10:52:41
Date of Next Testing: 2028-04-26 10:52:41
Product Name: **4-Nitroquinoline N-oxide**
CAS Number: 56-57-5
Specifications & Purity: 98%
Lot #: D2423434
SKU #: **N113910**
Analysis: **351959**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.34300 %
Nitrogen by Elemental Analysis	14.4-15.1 (%)	14.84 %
Melting point	154-157 (°C)	156.34000 °C
Carbon by Elemental Analysis	55.4-58.3 (%)	57.21 %
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.86 %
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