

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-19 16:48:54

Date of Next Testing: 2028-04-18 16:48:54

Product Name: **4-Nitrophthalonitrile**

CAS Number: 31643-49-9

Specifications & Purity: >98.0%(GC)

Lot #: D2412224

SKU # **N130031****Analysis: 330984**

Parameter	Limit Values	Result
Melting point	136-145 (°C)	141.30000 °C
Purity(GC)	98-100 (%)	99.54 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance (N130031)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Solubility in Acetone	almost transparency	almost transparency

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager