

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-12 15:22:14

Date of Next Testing: 2024-10-01 15:22:14

Product Name: **2-Naphthol**

CAS Number: 135-19-3

Specifications & Purity: indicator, for fluorescence analysis, ≥99%(GC)

Lot #: J2210609

SKU #: **N108423**

Version: **0**

Analysis #: **125477**

Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Melting point	121-122 (°C)	121.95000 °C
Carbon by Elemental Analysis	82-83.8 (%)	83.34000 %
Hydrogen by Elemental Analysis	5-6.1 (%)	5.28700 %
Purity(GC)	99-100 (%)	99.31100 %
Ignition Residue	0-0.05 (%)	0.02800 %
Appearance (N108423)	Off-White to Beige to Light Brown Powder or Flakes	Off-White to Beige to Light Brown Powder or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to yellow-brown clear(<3.5NTU)(100mg/ml)	pass	Pass
Fluorescence, λ _{ex} 320 nm; λ _{em} 410 nm in 0.1 M NaOH	Conforms	Conforms



John Su
QA & QC Manager