

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-17 17:09:23

Date of Next Testing: 2026-07-07 17:09:23

Product Name: **2-Naphthol**

CAS Number: 135-19-3

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

Lot #: G2412277

SKU #: **N108423**

Version: **0**

Analysis #: **345659**

Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.20000 %
Melting point	121-122 (°C)	121.30000 °C
Carbon by Elemental Analysis	82-83.8 (%)	82.60000 %
Hydrogen by Elemental Analysis	5-6.1 (%)	6.02000 %
Ignition Residue	0-0.05 (%)	0.04000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (N108423)	Off-White to Beige to Light Brown Powder or Flakes	Off-White to Beige to Light Brown Powder or Flakes
Fluorescence, λ _{ex} 320 nm; λ _{em} 410 nm in 0.1 M NaOH	Conforms	Conforms
Solubility in MeOH , Colorless to yellow-brown clear(<3.5NTU)(100mg/ml)	pass	Pass



John Su
QA & QC Manager