

Certificate of Analysis

Date of Testing:	2022-10-29 14:03:17
Date of Next Testing:	2026-10-28 14:03:17
Product Name:	1-Naphthol
CAS Number:	90-15-3
Specifications & Purity:	Ultra pure grade, ≥99%
Lot #:	J2228127
SKU #	N128915
Analysis:	149818
Storage Temperature:	Protected from light

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.66 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.0005 (%)	0.00 %
Melting point	95-97 (°C)	96.21000 °C
Sulfate(SO42-)	0-0.05 (%)	0.03 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Ignition Residue	0-0.1 (%)	0.06 %
Potassium(K)	0-0.005 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Insoluble matter	0-0.1 (%)	0.07 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Appearance (N128915)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Clear colorless to pink solution at 1M	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager