

Certificate of Analysis

Date of Testing:	2023-08-07 10:24:24
Date of Next Testing:	2027-08-06 10:24:24
Product Name:	1-Naphthol
CAS Number:	90-15-3
Specifications & Purity:	Ultra pure grade, ≥99%
Lot #:	H2302714
SKU #	N128915
Version	0
Analysis #:	249074
Storage Temperature:	Protected from light

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.90 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	0-0.05 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Ignition Residue	0-0.1 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Insoluble matter	0-0.1 (%)	0.00 %
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 %
Melting point	95-97 (°C)	96.84000 °C
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

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager