

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-03-25 15:40:23
Date of Next Testing:	2027-03-25 15:40:23
Product Name:	1-Fluoro-2,4-dinitrobenzene
CAS Number:	70-34-8
Specifications & Purity:	purum p.a., ≥98.0% (GC)
Lot #:	C2421367
SKU #	F475701
Version	2
Analysis #:	324660
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.21 %
Water by Karl Fischer	0-3 (%)	0.17 %
Calcium(Ca)	0-50 (ppm)	15.60 ppm
Cadmium(Cd)	0-50 (ppm)	0.00 ppm
Cobalt(Co)	0-50 (ppm)	0.00 ppm
Copper(Cu)	0-50 (ppm)	0.00 ppm
Iron(Fe)	0-50 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	2.00 ppm
Sodium(Na)	0-100 (ppm)	18.00 ppm
Nickel(Ni)	0-50 (ppm)	0.00 ppm
Lead(Pb)	0-50 (ppm)	0.00 ppm
Zinc(Zn)	0-50 (ppm)	0.00 ppm
Appearance(F475701)	White or Colorless to Yellow to Green powder to lump to clear liquid	White or Colorless to Yellow to Green powder to lump to clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
FNMR spectrum	Conforms to Structure	Conforms to Structure



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