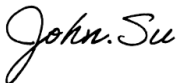


ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-23 21:54:07
Date of Next Testing: 2024-02-23 21:54:07
Product Name: **silica coated Iron oxide(II,III), magnetic nanoparticles solution**
CAS Number:
Specifications & Purity: 5mg/ml in H2O
Lot #: B2318808
SKU #: **S140471**
Analysis: 162602
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Particle Size(DLS)	0-100 (nm)	15.75 nm
Concentration	5-8 (g/L)	5.50 g/L
Appearance (S140471)	Brown to Black Liquid	Brown to Black Liquid
ICP: Confirms Iron Component	Confirmed	Confirmed



John Su
QA & QC Manager