

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-16 19:34:26
Date of Next Testing: 2025-05-16 19:34:26
Product Name: **silica coated Iron oxide(II,III), magnetic nanoparticles solution**
CAS Number:
Specifications & Purity: 5mg/ml in H₂O
Lot #: E2413450
SKU #: **S140471**
Version
Analysis #: **336996**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|------------------------------|-----------------------|-----------------------|
| Particle Size(DLS) | 0-100 (nm) | 67.77 nm |
| Concentration | 5-8 (g/L) | 5.10 g/L |
| Appearance (S140471) | Brown to Black Liquid | Brown to Black Liquid |
| ICP: Confirms Iron Component | Confirmed | Confirmed |



John Su
QA & QC Manager