

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 18:45:53
Date of Next Testing: 2024-03-12 18:45:53
Product Name: amino-polyacrylamide shell /Iron oxide(II,III), magnetic nanoparticles core
CAS Number:
Specifications & Purity: 20-40nm,5mg/ml in 0.5% Acetic Acid
Lot #: D1618077
SKU #: A140465
Analysis: 198377
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
PH	4-7	4.60
Particle Size(TEM)	20-40 (nm)	25.00 nm
Concentration	4.85-5.15 (g/L)	4.97 g/L
Particle Size(DLS)	80-150 (nm)	100.00 nm
PDI	0-0.25	0.11
Appearance (A140465)	Brown to Black Dispersions	Brown to Black Dispersions



John Su
QA & QC Manager