

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-04-20 17:05:29
Date of Next Testing:	2029-04-19 17:05:29
Product Name:	1 μm Titanium Dioxide Magnetic Beads (Thin Shell)
CAS Number:	
Specifications & Purity:	BioReagent, 25 mg/mL in H ₂ O
Lot #:	ZJ26F0434432
SKU #	T1520785
Version:	1
Analysis #:	033161

Parameter	Limit Value	Result
Hydrodynamic Size	800-1200(nm)	1077.00000 nm
Zeta Potential	≤ -20 (mV)	-36.09000 mV
Solid Content (Dry Weight)	24-26(mg/ml)	25.00000 mg/ml
Magnetic material content (iron oxide)	≥ 10 (%)	17.98000 %
Seal Integrity Testing	Conform	Conform
Appearance(T1520785)	Brown-black suspension, no obvious aggregation, natural sedimentation upon long-term storage, resuspendable upon mixing	Brown-black suspension, no obvious aggregation, natural sedimentation upon long-term storage, resuspendable upon mixing



Sophia Cheng
Quality Assurance