

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-28 10:20:28

Date of Next Testing: 2026-12-27 10:20:28

Product Name: **Nanodiamond (Carboxyl-modified) (5%, Dispersion in Water)**

CAS Number: N405863

Specifications & Purity:

Lot #: L2320170

SKU #: **N405863**

**Analysis:** **301503**

| Parameter                        | Limit Values                                               | Result                                                     |
|----------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| Concentration                    | 4.5-5.4 (%)                                                | 5.00 %                                                     |
| Particle size distribution D(90) | 0-20 (nm)                                                  | 10.00000 nm                                                |
| Appearance(N405863)              | Light gray to Brown to Black clear liquid to cloudy liquid | Light gray to Brown to Black clear liquid to cloudy liquid |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager