

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-19 08:46:59

Date of Next Testing: 2025-01-18 08:46:59

Product Name: **Platinum nanoparticles**

CAS Number: 7440-06-4

Specifications & Purity: 1% on Titania(anatase)(surfactant and reactant-free), $\leq$ 100nm

Lot #: A2211725

SKU # **P283202**

Version **1**

Analysis #: **059981**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Assay(Pt)	0.5-2 (%)	0.82000 %
Particle size	0-100 (nm)	71.30000 nm
ICP: Confirms Ti Component	Confirmed	Confirmed
ICP: Confirms Pt Component	Confirmed	Confirmed
Appearance (P283202)	Grey to black powder	grey to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager