

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-05 17:35:29

Date of Next Testing: 2027-01-05 17:35:29

Product Name: **Oil dispersible upconverting nanoparticles**

CAS Number:

Specifications & Purity: concentration: 5mg/ml, solvent: Cyclohexane, product packaging in solid content, luminous wavelength: 545/660nm, Particle Size: 25 nm

Lot #: L2523125

SKU # **O299540**

Version **1**

Analysis #: **635664**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Particle size	20-30 (nm)	24.00000 nm
Activators	Tm3+/Er3+	Tm3+/Er3+
Emission Wavelength	975 nm	975 nm
Fluorescence, 545/660nm	Conforms	Conforms
Sensitizer	Yb3+	Yb3+
Appearance(O299540)	Colorless to White Liquid	Colorless to White Liquid



John Su
QA & QC Manager