

Certificate of Analysis

Date of Testing: 2024-05-28 16:02:42

Date of Next Testing: 2025-05-28 16:02:42

Product Name: **Amino-functionalized upconverting nanoparticles**

CAS Number:

Specifications & Purity: 10mg/mL aqueous solution, product packaging based on solid content, luminescence wavelength: 545/660 nm, particle size: 35 nm, surface modification material: PEG-NH2

Lot #: E2423154

SKU #: **A140932**

Version: **1**

Analysis #: **358155**

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

Parameter	Limit Values	Result
Particle size	30-40 (nm)	35.00 nm
Activators:Er3+	Pass	Pass
Sensitizer:Yb3+	Pass	Pass
Fluorescence,545/660nm	Conforms	Conforms
Appearance(A140932)	Transparent solution	Transparent solution



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