

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 13:29:31
Date of Next Testing: 2027-09-12 13:29:31
Product Name: **Ytterbium(III) Carbonate Hydrate**
CAS Number: 342385-48-2
Specifications & Purity: 99.9%
Lot #: K2127128
SKU #: **D303484**
Version: **1**
Analysis #: **410394**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.9-100 (%)	100.00 %
Trace Rare Earth Analysis (by ICP Atomic emission)	0-2000 (ppm)	48.00 ppm
Yb ₂ O ₃	45-75 (%)	66.81800 %
Appearance (D303484)	white to off-white powder or chunks	white to off-white powder or chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager