

## Certificate of Analysis

Date of Testing: 2023-07-13 17:53:55  
Date of Next Testing: 2026-07-12 17:53:55  
Product Name: **Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)ytterbium(III)**  
CAS Number: 15492-52-1  
Specifications & Purity: 99%(REO)  
Lot #: G2303173  
SKU #: **T283037**  
Analysis: **241474**

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99-100 (%)	99.96 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-10000 (ppm)	393.00 ppm
Ytterbium	23.48-24.44 (%)	24.41000 %
Appearance(T283037)	White to off-white Soild	White to Off-white Soild
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager