

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-23 13:08:50  
Date of Next Testing: 2027-01-22 13:08:50  
Product Name: **Tris(cyclopentadienyl)ytterbium**  
CAS Number: 1295-20-1  
Specifications & Purity: (99.9%-Yb) (REO)  
Lot #: A2411617  
SKU #: **T283036**  
**Analysis: 299632**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Rare Earth Analysis)	99.9-100 (%)	99.91%
Trace Rare Earth Analysis(by ICP Atomic emission)	0-1000 (ppm)	945.00 ppm
Carbon by Elemental Analysis	47.44-49.88 (%)	48.23%
Hydrogen by Elemental Analysis	3.97-4.18 (%)	4.12%
ICP:Confirms Ytterbium component	Confirmed	Confirmed



John Su  
QA & QC Manager