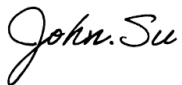


ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-01 18:12:30
Date of Next Testing: 2029-05-31 18:12:30
Product Name: **Zirconium tetrachloride (ZrCl4)**
CAS Number: 10026-11-6
Specifications & Purity: PrimorTrace™, ≥99.999% metals basis
Lot #: E2629372
SKU #: **Z1511037**
Version: **1**
Analysis #: **703419**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	99.99900 %
Total Metallic Impuritie	0-10 (ppm)	10.00000 ppm
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager