

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-06 11:17:02
Date of Next Testing: 2026-05-05 11:17:02
Product Name: **Bis(i-propylcyclopentadienyl)zirconium dichloride**
CAS Number: 58628-40-3
Specifications & Purity: 98%
Lot #: D23241185
SKU #: **B282595**
Analysis: 209388
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------|-----------------------|-----------------------|
| Purity(HPLC area) | 98-100 (%) | 98.50 % |
| Zirconium(Zr) | 23.6-24.8 (%) | 24.18 % |
| Hafnium(Hf) | 0-200 (ppm) | 3.30 ppm |
| NMR Spectrum 1H | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager