

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-06 11:00:51  
Date of Next Testing: 2026-05-05 11:00:51  
Product Name: **Bis(i-propylcyclopentadienyl)zirconium dichloride**  
CAS Number: 58628-40-3  
Specifications & Purity: 98%  
Lot #: D23241205  
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