

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-21 10:53:43  
Date of Next Testing: 2027-09-21 10:53:43  
Product Name: **Zirconocene chloride hydride**  
CAS Number: 37342-97-5  
Specifications & Purity: 95%  
Lot #: 12409337  
SKU #: **Z103200**  
Version: **0**  
Analysis #: **374277**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentometric Titration)	95-105 (%)	96.00%
Zr (Gravimetric Analysis After Ignition To Oxide)	33.2-37.5 (%)	34.00%
Cl (Titration by AgNO <sub>3</sub> )	13.1-14.4 (%)	14.00%
Appearance (z103200)	White to beige to light orange Powder	White to beige to light orange Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager