

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

### Certificate of Analysis

Date of Testing: 2024-04-19 09:51:25  
Date of Next Testing: 2028-04-18 09:51:25  
Product Name: **Zirconium(II) hydride**  
CAS Number: 7704-99-6  
Specifications & Purity: 99.9% metals basis  
Lot #: D2412353  
SKU #: **Z119050**  
Analysis: **338298**

Parameter	Limit Values	Result
Zr(Gravimetric Analysis)	96.4-99.3 (%)	98.52 %
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.93 %
Total Metallic Impuritie	0-1000 (ppm)	673.00 ppm
Appearance (Z119050)	Grey powder	Grey powder
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager