

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-06 16:52:26

Date of Next Testing: 2029-05-05 16:52:26

Product Name: **Zirconium(IV) chloride**

CAS Number: 10026-11-6

Specifications & Purity:  $\geq 99.9\%$  metals basis

Lot #: D2517625

SKU #: **Z109460**

Version: **0**

Analysis #: **486907**

Storage Temperature: Argon charged

| Parameter                              | Limit Values                           | Result                                 |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Total Metallic Impurities              | 0-1000 (ppm)                           | 507.00 ppm                             |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)                           | 99.95 %                                |
| Cl(Titration by AgNO <sub>3</sub> )    | 60.2-61.5 (%)                          | 60.21 %                                |
| Appearance (Z109460)                   | White to Light Yellow Powder or Chunks | White to Light Yellow Powder or Chunks |
| ICP: Confirms Zirconium Component      | Confirmed                              | Confirmed                              |
| X-Ray Diffraction                      | Conforms to Structure                  | Conforms to Structure                  |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager