

Certificate of Analysis

Date of Testing: 2025-03-17 09:40:57

Date of Next Testing: 2029-03-16 09:40:57

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

CAS Number: 17501-44-9

Specifications & Purity: $\geq 98\%$

Lot #: C2514588

SKU #: **Z107220**

Version: **1**

Analysis #: **485150**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue(Ash)	24-26.2 (%)	25.27%
Melting point	188-195 (°C)	194.54000 °C
Zirconium(Zr)	18.3-19.1 (%)	18.57%
Water by Karl Fischer	0-1 (%)	0.54 %
Appearance (Z107220)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot Toluene , very faint turbidity	pass	Pass



John Su
QA & QC Manager