

Certificate of Analysis

Date of Testing: 2023-12-25 15:22:31

Date of Next Testing: 2027-12-24 15:22:31

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

CAS Number: 17501-44-9

Specifications & Purity: $\geq 98\%$

Lot #: L2315550

SKU #: **Z107220**

Version: **1**

Analysis #: **297055**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	188-195 (°C)	192.60000 °C
Water by Karl Fischer	0-1 (%)	0.60 %
Zirconium(Zr)	18.3-19.1 (%)	19.10 %
Ignition Residue(Ash)	24-26.2 (%)	26.17 %
Appearance (Z107220)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in hot Toluene , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager