

Certificate of Analysis

Date of Testing: 2023-09-01 10:20:55

Date of Next Testing: 2027-08-31 10:20:55

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

CAS Number: 17501-44-9

Specifications & Purity: 98%

Lot #: H2331515

SKU #: **Z107220**

Analysis: **263324**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	188-195 (°C)	190.00000 °C
Ignition Residue(Ash)	24-26.2 (%)	26.18 %
Zirconium(Zr)	18.3-19.1 (%)	19.00 %
Water by Karl Fischer	0-1 (%)	1.00 %
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