

Certificate of Analysis

Date of Testing: 2025-01-16 19:17:52

Date of Next Testing: 2029-01-15 19:17:52

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

CAS Number: 17501-44-9

Specifications & Purity: $\geq 98\%$

Lot #: A2516026

SKU #: **Z107220**

Version: **1**

Analysis #: **449436**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue(Ash)	24-26.2 (%)	26.15 %
Zirconium(Zr)	18.3-19.1 (%)	18.78 %
Water by Karl Fischer	0-1 (%)	0.97 %
Melting point	188-195 (°C)	194.80000 °C
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