

## Certificate of Analysis

Date of Testing: 2024-12-13 15:54:47  
Date of Next Testing: 2028-12-12 15:54:47  
Product Name: **Zirconium propoxide solution**  
CAS Number: 23519-77-9  
Specifications & Purity: 70 wt. % in n-propanol  
Lot #: L2411639  
SKU #: **Z106340**  
Version: **0**  
Analysis #: **439922**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Concentration(Chelometric Titration)	65-75 (%)	70.08 %
Appearance (Z106340)	Colorless to Pale Yellow Viscous Liquid	Colorless to Pale Yellow Viscous Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager