

Certificate of Analysis

Date of Testing: 2025-03-13 10:47:28

Date of Next Testing: 2029-03-12 10:47:28

Product Name: **Zirconium(IV) oxide-yttria stabilized**

CAS Number: 308076-80-4

Specifications & Purity: $\geq 99.9\%$ metals basis, $\leq 1.0\mu\text{m}$

Lot #: F2110169

SKU #: **Z119242**

Version **0**

Analysis #: **479147**

Parameter	Limit Values	Result
Stabilizer	7-9 (%)	7.01 %
Particle size	0-1 (μm)	0.05 μm
Trace Metal Analysis	0-2000 (ppm)	413.00 ppm
Purity(Based on Trace Metal Analysis Excluding Hafnium)	99.9-100 (%)	99.96 %
Appearance (Z119242)	White powder	White powder
ICP:Confirms Zirconium and Yttrium Components	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager