

Certificate of Analysis

Date of Testing: 2022-06-17 15:26:50
Date of Next Testing: 2026-06-16 15:26:50
Product Name: **Zirconium(IV) oxide-yttria stabilized**
CAS Number: 308076-80-4
Specifications & Purity: 99.9% metals basis, $\leq 1.0\mu\text{m}$
Lot #: H2018156
SKU #: **Z119242**
Analysis: **101659**

Parameter	Limit Values	Result
Stabilizer	7-9 (%)	8.22%
Particle size	0-1 (μm)	0.37 μm
Trace Metal Analysis	0-2000 (ppm)	70.00 ppm
Purity(Based on Trace Metal Analysis Excluding Hafnium)	99.9-100 (%)	99.99%
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