

Certificate of Analysis

Date of Testing: 2023-02-20 19:01:21
Date of Next Testing: 2027-02-19 19:01:21
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 #: B2313041
SKU #: **Z119242**
Analysis: **000567**

Parameter	Limit Values	Result
Stabilizer	7-9 (%)	7.01%
Trace Metal Analysis	0-2000 (ppm)	413.00 ppm
Purity(Based on Trace Metal Analysis Excluding Hafnium)	99.9-100 (%)	99.96 %
Particle size	0-1 (μm)	0.05 μm
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