

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

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 (%)	7.01000 %
Particle size	0-1 (μm)	0.04600 μm
Trace Metal Analysis	0-2000 (ppm)	413.00000 ppm
Purity(Based on Trace Metal Analysis Excluding Hafnium)	99.9-100 (%)	99.95870 %
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