

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	47282
Product	Yttria stabilized Zirconium oxide nanopowder
Lot Number	003344-8522-020218
CAS Number	1314-23-4
Molecular Formula	ZrO ₂ -3Y
Molecular Weight	123.22

Appearance	White nanopowder
Surface Area	17 m ² /g
Mesh Size	APS : 20 nm
Related Substances	ZrO ₂ : 94.5% , Y ₂ O ₃ : 5.4 - 5.5%, SiO ₂ : 0.0037% Fe ₂ O ₃ : 0.0008%, Na ₂ O : 0.0003%, TiO ₂ : 0.0011% CaO : 0.0010%, Al ₂ O ₃ : 0.0300%
Purity	99.9%
Storage	Store at RT
Additional Information	Loss of ignition : 1%
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager