64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

Product Name:
Zirconium-6.35mm x 100mm, 99.9% trace metals basis, Pur*Reagent*

Product No.:	PSR43544
Lot No.:	Sample COA
Brand:	PureSynth
CAS No.:	7440-67-7
Molecular Formula:	Zr
Molecular Weight:	91.22 g/mol
Date of Mfg.:	NA
Date of Exp.:	NA

Test	Specification	Result
Appearance	Grey rods	Grey rods
Purity (based on trace metals analysis)	≥ 99.9 %	99.94 %
Zirconium Content (By ICP)	Conforms	Conforms
Diameter	~ 6.35 mm	Conforms
Trace Metal Analysis	NMT 10000 ppm	1509.8 ppm
Aluminium (Al)	-	85.2 ppm
Beryllium (Be)	-	7.5 ppm
Cadmium (Cd)	-	2.8 ppm
Chromium (Cr)	-	28.8 ppm
Cobalt (Co)	-	43.2 ppm
Copper (Cu)	-	15.4 ppm
Iron (Fe)	-	400.3 ppm
Iridium (Ir)	-	25.8 ppm
Lithium (Li)	-	15.2 ppm
Manganese (Mn)	-	12.7 ppm
Strontium (Sr)	-	1.0 ppm
Titanium (Ti)	-	863.7 ppm
Vanadium (V)	-	8.2 ppm

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

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Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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