

Certificate of Analysis

Product Name:

Vanadium pieces, PurReagent, ≥99.7% (Metals Basis)

Product No.: PSR40700
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7440-62-2
Molecular Formula: V
Molecular Weight: 50.94 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Silver or Gray Pieces	Conforms
Assay	≥ 99.7 %	99.76 %
Aluminium (Al)	NMT 350 ppm	< 350 ppm
Boron (B)	NMT 5 ppm	< 5 ppm
Carbon (C)	NMT 35 ppm	< 35 ppm
Chromium (Cr)	NMT 100 ppm	< 100 ppm
Copper (Cu)	NMT 50 ppm	< 50 ppm
Iron (Fe)	NMT 330 ppm	< 330 ppm
Hydrogen (H)	NMT 5 ppm	< 5 ppm
Hafnium (Hf)	NMT 50 ppm	< 50 ppm
Molybdenum (Mo)	NMT 460 ppm	< 460 ppm
Nitrogen (N)	NMT 42 ppm	< 42 ppm
Niobium (Nb)	NMT 50 ppm	< 50 ppm
Nickel (Ni)	NMT 50 ppm	< 50 ppm
Oxygen (O)	NMT 280 ppm	< 280 ppm
Phosphorus (P)	NMT 30 ppm	< 30 ppm
Sulfur (S)	NMT 20 ppm	< 20 ppm
Silicon (Si)	NMT 480 ppm	< 480 ppm
Tin (Sn)	NMT 100 ppm	< 100 ppm
Tantalum (Ta)	NMT 100 ppm	< 100 ppm
Titanium (Ti)	NMT 50 ppm	< 50 ppm
Uranium (U)	NMT 1 ppm	< 1 ppm
Tungsten (W)	NMT 80 ppm	< 80 ppm
Zirconium (Zr)	NMT 50 ppm	< 50 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

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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