

Certificate of Analysis

Product Name:

Titanium Aluminium Vanadium Ti6Al4V Powder, PurReagent, APS 10 to 150 µm, ≥99.9%

Product No.: PSR50087
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7440-32-6
Molecular Formula: Ti₆Al₄V
Molecular Weight: NA
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Grey Solid	Grey Solid
Assay (By Titr.)	≥ 99.9 %	99.98 %
Density	2.0 - 2.4 g/ml	2.2 g/ml
Carbon (C)	NMT 0.08 %	< 0.08 %
Nitrogen (N)	NMT 0.05 %	< 0.05 %
Hydrogen (H)	NMT 0.015 %	< 0.015 %
Oxygen (O)	NMT 0.12 %	< 0.12 %
Yttrium (Y)	NMT 0.15 %	< 0.15 %
Iron (Fe)	NMT 0.30 %	< 0.30 %
Vanadium (V)	3.50-4.50 %	3.78 %
Aluminium (Al)	5.50-6.75 %	5.98 %
Titanium (Ti)	Balance	Conforms
Particle Size	10-150 µm	38 to 68 µm
Melting point	1604-1660°C	Complies

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 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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