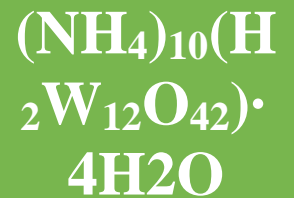




TUNGSTEN COMPOUNDS

Number: MTC-QPP-FNS-FUS-02
 Issued date: 23.08.2021
 Revision no: 01
 Revised date: 03.10.2024

Ammonium Paratungstate



Description of Product White crystalline powder for production of tungsten oxides and tungsten metal powders used in hardmetals.

Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [$\mu\text{g/g}$])

WO ₃ (calculated)	min. 88.8 %
L.O.I	max. 11.2 %
Al	max. 5 ppm
As	max. 10 ppm
Ba	max. 1 ppm
Bi	max. 5 ppm
Ca	max. 8 ppm
Cl	max. 10 ppm
Co	max. 5 ppm
Cd	max. 1 ppm
Cu	max. 5 ppm
Cr	max. 5 ppm
Fe	max. 8 ppm
K	max. 10 ppm
Mo	max. 10 ppm
Mg	max. 5 ppm
Mn	max. 5 ppm
Na	max. 10 ppm
Ni	max. 5 ppm
Nb	max. 10 ppm
P	max. 5 ppm
Pb	max. 5 ppm
S	max. 15 ppm
Sn	max. 10 ppm
Sb	max. 3 ppm
Si	max. 10 ppm
Ta	max. 6 ppm
Ti	max. 5 ppm
V	max. 15 ppm

Physical Characteristics

Fisher number	40 ÷ 56	μm
Apparent density	2.2 ÷ 2.6	g/cm^3
Hall flow	26 ÷ 40	s

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- Packaging** 1,000 kg of APT packed in bottom discharge bag with three layers.
Other kinds of packaging are available on request.
- Storage and Handling** The user must observe all the relevant safety regulations in force in the country of use.