

**TECHNICAL DATA SHEET**

CAS NO : 11120-25-5

**AMMONIUM PARA TUNGSTATE (APT) (NH<sub>4</sub>)<sub>10</sub>(H<sub>2</sub>W<sub>12</sub>O<sub>42</sub>)-4H<sub>2</sub>O**

**PHYSICAL ANALYSIS :** COLOUR : WHITE  
APPERENCE: FINE CRYSTALLINE POWDER FORM  
TUNGSTEN TRIOXIDE : 88.8 %- 90.1 %  
IGNITION LOSS AT 700°C : 11.2 % - 10.5 %  
TUNGSTEN METAL : 67 % - 69.3 %  
DENSITY : 31 - 56 g/in<sup>3</sup>  
BOILING POINT : DECOMPOSES AT 600 °C  
FLASH POINT : NON-FLAMMABLE  
ASSAY : 99.99 %  
PARTICLE SIZE FSSS : 18 - 25 MICRON

**CHEMICAL ANALYSIS :** M.W : 3133 g/mol

PARAMETERS	SPECIFICATION
Al	< 05 ppm
As	< 05 ppm
Ca	< 10 ppm
Cr	< 30 ppm
Fe	< 20 ppm
K	< 15 ppm
Mg	< 15 ppm
Mo	< 80 ppm
Na	< 20 ppm
Ni	< 10 ppm
Si	< 25 ppm
Cu	< 10 ppm
Mn	< 15 ppm
Co	< 02 ppm
Sn	< 10 ppm

**PACKING :** 100 % VERGINE HIGH DENSITY BAGS 20 KG, 30 KG, 50 KG IN HDPE DRUMS