

**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  
 APPEARANCE: 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	< 15 ppm
As	< 10 ppm
Ca	< 20 ppm
Cr	< 30 ppm
Fe	< 30 ppm
K	< 20 ppm
Mg	< 20 ppm
Mo	< 100 ppm
Na	< 30 ppm
Ni	< 10 ppm
Si	< 25 ppm
Cu	< 15 ppm
Mn	< 15 ppm
Co	< 05 ppm
Sn	< 10 ppm

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