



High Purity Elements & Compounds

□ Lead

Lead is a soft malleable poor metal with dull grayish color, poor electrical conductivity.

High purity Lead of 99.999% 5N is primarily used in the preparation of compound semiconductor materials, refrigerating elements, infrared photoelectric converting device, high efficient thermoelectric and solder etc.



Lead

Pb

Atomic No.	82
Atomic Weight	207.2
Density	11.34gm/cc
Melting Point	327.46 ° C
Boiling Point	1749 ° C
CAS No.	7439-92-1
H.S Code	7806.0090

No	Item	Standard Specification			
1	Lead ≥ %	99.999			
2	Impurity PPM _{wt} Max Each	Zn/Bi	Ag/Al/Mg/Ni Sn/Fe/Sb/As/Cd		
		1.0	0.5		
3	Size	1kgs bar or rod			
4	Packing	1kg in sealed composite aluminum bag.			

□ Phosphorus

Phosphorus is reddish brown amorphous solid material. High purity phosphorus of 99.999% and 99.9999% (5N 6N) is mainly used for the production of III-V compound semiconductors such as Indium Phosphide (InP), Gallium Phosphide (GaP) etc, and also be used as the doped element of N-type single crystal silicon and germanium growth.



Phosphorous

P₄

Atomic No.	15
Atomic Weight	123.90
Density	2.34g/cc
Melting Point	590 ° C
Ignition Point	>200° C
CAS No.	7723-14-0
H.S Code	2804.709090

No	Item	Standard Specification				
1	Phosphorus ≥%	99.9999				
2	Impurity PPM _{wt} Max Each	Co/Pb/Cu/Ag/Mn	As	Fe	Zn	Al/Te/Mg
		0.01	<1.0	0.2	0.05	0.1
3	Size	Irregular lump				
4	Packing	0.5kg or 1kg is in Schott glass bottle wit tin jar outside				

✉ E2-1-1011 Global Center, No.1700 Tianfu Avenue North, Chengdu 610041, China

☎ Tel+28 8518 7251/7252/7253

Fax+28 8518 4110