



High Purity Elements & Compounds

□ Antimony Oxide

Antimony Oxide or (Antimony Trioxide), Sb_2O_3 , with purity of 99.99% and 99.999%, is mainly for the manufacturing of antimony compounds, flame-retardant, electronic elements, light proof agent, mordant and high purity reagent.



No.	Item	Standard Specification		
1	$Sb_2O_3 \geq \%$	99.99	99.999	
2	Impurity PPM _{wt} Max Each	Ag	-	0.5
		Mg	-	1.0
		As	5.0	-
		Bi	2.0	-
		Pb/Al/Ni/Cu	5.0	0.5
		Fe/Ca	5.0	1.0
3	Size	1-4 μ m	<20 μ m, 95%Min	
4	Packing	25kgs in cardboard drum	1kg in polyethylene bottle	

□ Tellurium Oxide

Tellurium Oxide (Tellurium Dioxide), TeO_2 , with purity of 99.9%, 99.99% and 99.999% (3N 4N 5N), CAS No 7446-07-3, is white crystalline powder with melting point 733 °C and specific gravity 5.67g/cm³, practically insoluble in water. It is commonly used in the material for electronic elements, electroplating, anti-corrosive agent and tellurium dioxide crystal TeO_2 for acousto-optical devices features with high optical homogeneity, low light absorption and scattering.



No.	Item	Standard Specification			
1	Tellurium Oxide	$\geq 99.9\%$	$\geq 99.99\%$	$\geq 99.999\%$	
2	Impurity PCT or PPM _{wt} Max Each	PCT Max each	PPM Max each	PPM max each	
		Mg	0.001	5	0.5
		Pb	0.003	8	1.0
		Sb	0.003	5	1.0
		Al/Bi	0.003	5	0.5
		Pb	-	20	0.5
		Cu	0.003	10	0.5
		Ag	0.001	6	1.0
		Mg/Ni	0.001	5	0.5
		Zn	0.003	10	-
		Ca	0.005	10	1.0
		Fe	0.015	10	1.0
		Cd	0.002	8	-
		Si/Se	0.002	5	0.5
3	Size	-200, -325mesh			
4	Packing	2kgs in polyethylene bottle with sealed plastic bag out side			