

Specification: HIGH-PURITY TANTALUM PENTOXIDE (Ta₂O₅, 4N5+/4N)**1. Designation**

Commercial Name: High-Purity Tantalum Pentoxide
Chemical Name: Ta₂O₅
CAS Number: 1314-61-0
HS Number: 2825909000
EC Number: 215-238-2

2. Physical Properties

Form: White powder

3. Purity

Purity level: Ta₂O₅ 99.99%---99.999% min (Excluding Nb F and L.O.I.)

Grade	HTO-1	HTO-2	HTO-3
Ta ₂ O ₅	>99.995	99.99	99.99
Al	1	1	1
As	0.1	1	1
B	1	1	1
Bi	0.5	2	2
Ca	1	5	5
Cl	5	10	10
Co	0.1	1	1
Cr	1	3	3
Cu	1	3	3
F	15	50	75
Fe	1	3	3
K	1	5	5
Mg	1	2	2
Mn	0.5	2	2
Mo	0.5	2	2
Na	3	5	5
Nb	5	10	10
Ni	0.5	3	3
Pb	0.5	3	3
Sb	3	5	10
Si	3	10	15
Sn	1	1	1
Ti	1	1	1
V	0.5	1	1
W	0.2	3	3
Zr	0.5	1	1
L.O.I.(%)	0.1	0.1	0.1
Size	-60 mesh	-60 mesh	-60 mesh

4. Packing

Packed in iron drums of 25 kgs~50kgs net each with inner sealed double plastics bags of 25KGS net each.