

Specification: HIGH-PURITY NIOBIUM PENTOXIDE (Nb₂O₅, 3N5+/4N)

1. Designation

Commercial Name: High-Purity Niobium Pentoxide
 Chemical Name: Nb₂O₅
 CAS Number: 1313-96-8
 HS Number: 28259090.00
 EC Number: 215-213-6

2. Physical Properties

Form: White powder

3. Purity

Purity level: Nb₂O₅ 99.99%---99.999% (Excluding Ta F and L.O.I.)

Grade	HNO-1	HNO-2	HNO-3
Nb ₂ O ₅	>99.95	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	1	3
F	15	50	75
Fe	1	3	3
K	1	2	5
Mg	1	1	2
Mn	0.5	2	2
Mo	0.5	2	2
Na	3	5	5
Ni	1	3	3
Pb	0.5	3	3
Sb	3	5	10
Si	3	10	15
Sn	3	1	10
Ta	1	10	10
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.