



Chinatungsten Online

Tungstic Acid Catalogue

Product: Tungstic Acid

Chemical Formula: H_2WO_4

Molecular Weight: 249.86

CAS Number: 7783-03-1

Appearance: Yellow Powder

HS Code: 2825901100

Boiling Point: 1473°C, heated to 100°C will lose one water molecule and become tungsten trioxide.

Solubility: Slightly soluble in hot water, soluble in alkali, hydrofluoric acid and ammonia solution, insoluble in acid

Application: Mainly used to produce tungsten, tungsten wire, tungsten carbide products, tungstate, mordant.

Tungstic acid mainly consisted of WO_3 , it takes about 90%, impurities like Al, As, Bi, Ca, Cu please refer to the below chart:

Grade					TA1				
WO ₃ Content (%)					90.0				
Impurities Content (MAX)									
Element	Al	As	Bi	Ca	Cr	Cu	Fe	K	Mg
MAX	0.0010	0.0150	0.0010	0.0080	0.0010	0.0010	0.0030	0.0010	0.0010
Element	Mn	Mo	Na	Ni	P	Pb	S	Sb	Si
MAX	0.0010	0.1000	0.0050	0.0010	0.0050	0.0010	0.0050	0.0010	0.0060
Element	Sn	Ti	V	/	Lot	/	/	/	/
MAX	0.0010	0.0010	0.0010	/	10	/	/	/	/

Standard Packing

Sample: if less than 10kgs, the packing is in carton with double sealed inner plastic bags.

Batch amount: in iron drums with double sealed inner plastic bags, 50/100/200 kgs each.

Note: Special packing requirement can be discussed.