

Potassium Permanganate

Specification Data Sheet

Formula:	KMnO ₄
CAS NO:	7722-64-7
EINECS NO:	231-760-3
UN NO:	1490
H.S Code:	28416100
Application:	1) Water treatment and disinfection; 2) Synthesis of organic compounds: ascorbic acid, chloramphenicol, saccharin, isonicotinic acid, and pyrazinoic acid. 3) Fruit preservation;

Specification

Test Items	Tech Grade	ANSI/AWWA B603-2003	USP24	Food grade
Potassium Permanganate % min	99.3	97	99-100.5	99.3
Chloride (Cl) % max	0.01	0.02	/	0.01
Sulfate(SO ₄) % max	0.05	0.1	/	0.05
Water Insoluble% max	0.2	0.25	0.2	0.2
Water (moisture) % max	/	/	/	/
Cadmium(Cd) % max	/	0.01	0.5	/
Chromium(Cr) % max	/	0.05	/	/
Mercury(Hg) % max	/	0.002	/	/
Arsenic(As) % max	/	/	/	0.0002
Flow ability	pass	pass	/	/
Granular % max	425um Remain the sieve plate	/	20	/
	75um Pass the sieve plate	/	7	/

Packing:

Max Diameter	320mm
Height	340mm
Net weight	25KGS
Gross weight	26.28KGS
Loading Capacity in 20'FCL without pallets	882 drums/22.05MT