

试剂重铬酸钾

Reagent Potassium Dichromate



产品信息

【分子式】： $K_2Cr_2O_7$
【分子量】：294.18
【CAS号】：7778-50-9
【外观】：橙红色结晶颗粒或粉末

产品性质

- 物理化学性质
溶于水，不溶于醇，水溶液显碱性，强氧化剂。
- 包装
25KG 纸塑复合装（可根据客户需求定制）
- 存储
存储时需防潮、防热、防击，远离易燃物。避免与食品或强还原剂混存。如发生泄漏，应迅速使用10%硫酸及硫酸亚铁进行还原处理，随后用石灰中和。

应用用途



实验室用作分析试剂。

技术指标

【执行标准】：GB/T 642-1999

质量指标	优级纯	分析纯	化学纯
试剂重铬酸钾(以 $K_2Cr_2O_7$ 计) w/ % $\geq$	99.80	99.80	99.50
水不溶物 w/ % $\leq$	0.003	0.005	0.01
干燥失重 w/ % $\leq$	0.05	0.05	—
氯化物(以Cl计) w/ % $\leq$	0.001	0.002	0.005
硫酸盐(以 SO_4 计) w/ % $\leq$	0.005	0.01	0.02
钠(以Na计) w/ % $\leq$	0.02	0.05	0.10
钙(以Ca计) w/ % $\leq$	0.002	0.002	0.005
铁(以Fe计) w/ % $\leq$	0.001	—	—
铜(以Cu计) w/ % $\leq$	0.001	—	—
铅(以Pb计) w/ % $\leq$	0.005	—	—



Product Information

【Molecular Formula】： $K_2Cr_2O_7$
【Molecular Weight】：294.18
【CAS Number】：7778-50-9
【Appearance】：Orange-red crystalline granules or powder.

Properties

- Physical and Chemical Properties
Soluble in water, insoluble in ethanol, with strong oxidizing properties.
- Packaging
25kg paper-plastic composite bag or customer specifications.
- Storage
Store in a cool and ventilated warehouse, away from sources of ignition and heat, and protected from direct sunlight. Keep the packaging sealed. Store separately from reducing agents, flammable substances, and edible chemicals. Empty containers may retain hazardous residues and must be thoroughly cleaned and detoxified before disposal.

Application area



It is used as an analytical reagent in laboratories.

Technical Indicators

【Standard】：GB/T 642-1999

Quality Index	Guaranteed Reagent (GR)	Analytical Reagent (AR)	Analytical Reagent (AR)
Potassium Dichromate (as $K_2Cr_2O_7$), w/% $\geq$	99.80	99.80	99.50
Water-insoluble matter, w/% $\leq$	0.003	0.005	0.01
Loss on drying, w/% $\leq$	0.05	0.05	—
Chlorides (as Cl), w/% $\leq$	0.001	0.002	0.005
Sulfates (as SO_4), w/% $\leq$	0.005	0.01	0.02
Sodium (as Na), w/% $\leq$	0.02	0.05	0.10
Calcium (as Ca), w/% $\leq$	0.002	0.002	0.005
Iron (as Fe), w/% $\leq$	0.001	—	—
Copper (as Cu), w/% $\leq$	0.001	—	—
Lead (as Pb), w/% $\leq$	0.005	—	—



公司电话 Company telephone number :
400-8031-088

公司地址 Company Address : 陕西省商洛市商南县东正公司
Dongzheng Company, Shangnan, Shangluo, Shaanxi Province, China

邮箱Email : dz@dongzhengjituan.cn
网址Website: www.dongzhenghuagong.com