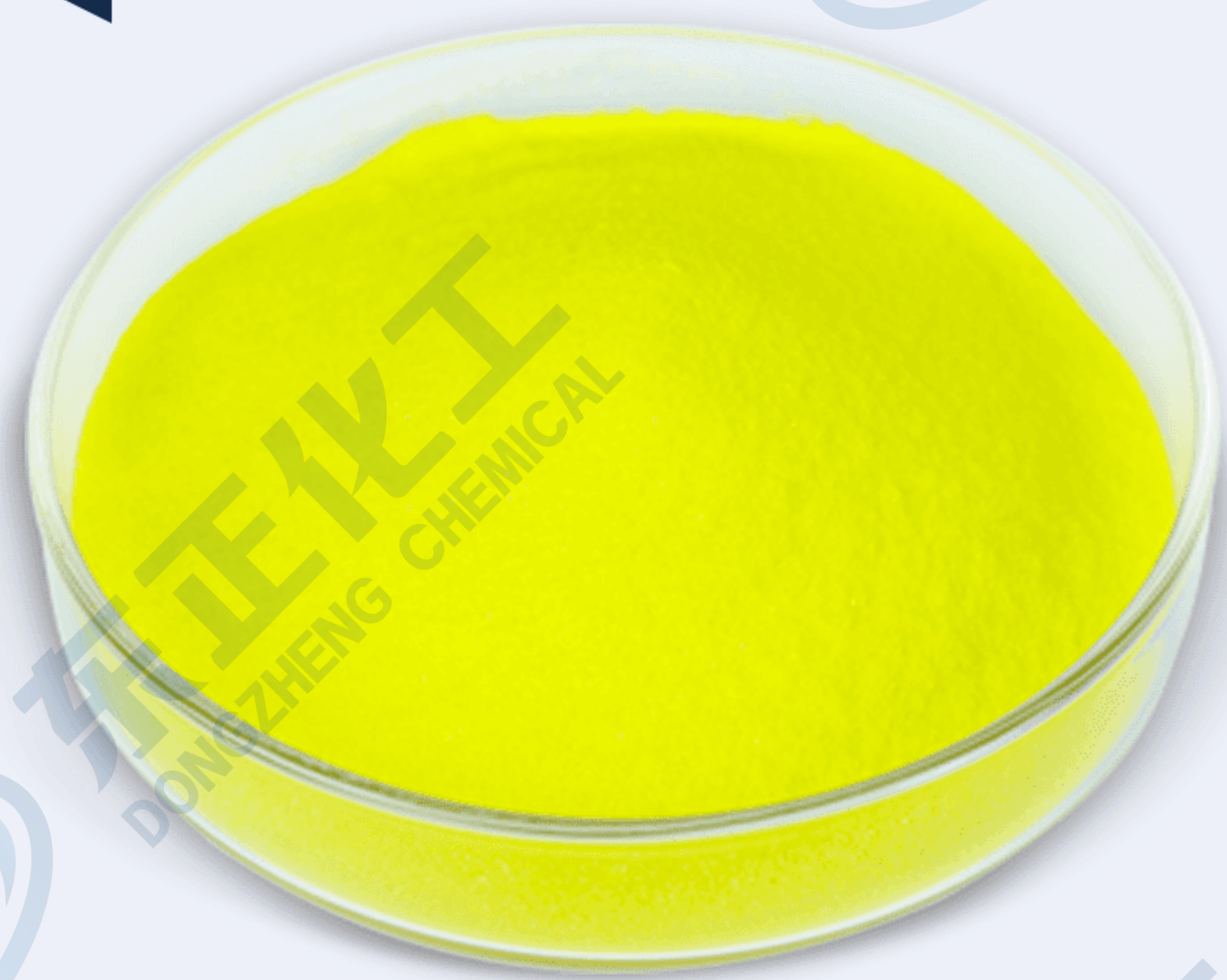


试剂铬酸钾

Reagent Potassium Chromate



产品信息

【分子式】：K₂CrO₄
【分子量】：194.20
【CAS号】：7789-00-6
【外观】：柠檬-黄色晶体

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

50kg 加强型编织袋内衬塑料袋包装。
(可根据客户需求定制)

● 存储

储存于阴凉、通风的库房，远离火种、热源，防止阳光直射；包装密封，应与还原剂、易燃物、食用化学品分开存放，倒空的容器残留有害物，须进行洗涤解毒处理。

技术指标

【执行标准】：HG/T3440-1999

质量指标	优级纯	分析纯	化学纯
铬酸钾(以K ₂ CrO ₄ 计) w/ % ≥	99.50	99.50	99.00
pH值(50 g/L, 25°C)	8.6 ~ 9.8	8.6 ~ 9.8	8.6 ~ 9.8
水不溶物含量 w/ % ≤	0.002	0.004	0.01
氯化物含量(以Cl计) w/ % ≤	0.001	0.003	0.005
硫酸盐含量(以SO ₄ 计) w/ % ≥	0.01	0.02	0.05
钠含量(以Na计) w/ % ≥	0.05	0.10	—
钙含量(以Ca计) w/ % ≥	0.001	0.005	0.010
铅含量(以Pb计) w/ % ≥	0.005	—	—

应用用途



用作分析试剂、光谱分析、氧化剂、媒染剂、金属防锈剂及医药工业。



Product Information

【Molecular Formula】：K₂CrO₄
【Molecular Weight】：194.20
【CAS Number】：7789-00-6
【Appearance】：Lemon-yellow crystals

Properties

● Physical and Chemical Properties

Soluble in water, insoluble in alcohol. The aqueous solution is alkaline and acts as a strong oxidizing agent.

● Packaging

Packed in 50 kg reinforced woven bags with inner plastic lining.

● 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.

Technical Indicators

【Standards】：HG/T3440-1999

Quality Index	Superior Grade	Analytical Reagent (AR)	Chemically Pure (CP)
Potassium Chromate (as K ₂ CrO ₄) w/ % ≥	99.50	99.50	99.00
pH Value (50 g/L, 25°C)	8.6 ~ 9.8	8.6 ~ 9.8	8.6 ~ 9.8
Water Insolubles, w/ % ≤	0.002	0.004	0.01
Chloride Content (as Cl), w/ % ≥	0.001	0.003	0.005
Sulfate Content (as SO ₄), w/ % ≥	0.01	0.02	0.05
Sodium Content (as Na), w/ % ≥	0.05	0.10	—
Calcium Content (as Ca), w/ % ≥	0.001	0.005	0.010
Lead Content (as Pb), w/ % ≥	0.005	—	—

Application area



Used as analytical reagent, for spectroscopic analysis, oxidizing agent, mordant, metal antirust agent, and in the pharmaceutical industry.



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