Creative Enzymes®

Industrial Potassium Dichromate Crystals

Cat. No. CEGZ-6330

Lot. No. (See product label)

Introduction

Description	Industrial potassium dichromate is an orange-red crystalline inorganic oxidizing material supplied as triclinic plate-like crystals. The material is non-hygroscopic, dissolves in water, and is insoluble in ethanol.
Applications	Used in the manufacture of chromium dioxide, chrome-yellow anticorrosive pigments, chrome green, matches, electroplating, and as an oxidizing agent. It is also used in glass, ceramics, mordant-dyeing applications, and chemical-reagent preparation.

Product Information

Appearance	Orange-red triclinic plate-like crystals.
Form	Crystalline solid
Molecular Formula	K2Cr2O7
Molecular Weight	294.18
Thermal stability	Decomposes at 500°C.
Melting Point	398°C
Solubility	Soluble in water; insoluble in ethanol.
Quality	Superior grade: K2Cr2O7 ≥99.7%; chloride (as Cl) ≤0.05%; water-insoluble matter ≤0.02%; sulfate (as SO4) ≤0.02%; moisture ≤0.03%; sodium (Na) ≤0.5%. First grade: K2Cr2O7 ≥99.5%; chloride (as Cl) ≤0.05%; water-insoluble matter ≤0.02%; sulfate (as SO4) ≤0.05%; moisture ≤0.05%; sodium (Na) ≤1.0%. Qualified grade: K2Cr2O7 ≥99.0%; chloride (as Cl) ≤0.08%; water-insoluble matter ≤0.05%; sulfate (as SO4) ≤0.05%; moisture ≤0.05%; sodium (Na) ≤1.5%.

Usage and Packaging

Package	50 kg high-strength composite bag.