

Potassium dichromate

Potassium dichromate ($K_2Cr_2O_7$), CAS Number : 7778-50-9, EC Number: 231-906-6, UN number 3086, Molar mass: 294.185 g/mol, Density: 2.676 g/cm³, Melting point: 398 °C (748 °F; 671 K), Boiling point: 500 °C (932 °F; 773 K). It is a strong oxidizing agent widely used in various industrial, laboratory, and environmental applications.

Electroplating and Metal Treatment

Utilized in chromium plating and surface treatment of metals to enhance corrosion resistance, leather tanning, textile and dye Industry, leather tanning plays a role in tanning leather to enhance its durability and flexibility, wood treatment, environmental applications as used in the determination of chemical oxygen demand (COD) in water samples to measure water pollution levels, other analysis chemistry such as testing alcohol.

ITEM/GRADE	PDA	PDB
$K_2Cr_2O_7$	≥99.8%	≥99.5%
CL	≤0.030%	≤0.030%
WATER INSOLUBLE	≤0.010%	≤0.020%
SULFATE (SO ₄)	≤0.020%	≤0.030%
MOISTURE	≤0.030%	≤0.030%