

387 – POTASSIUM DICHROMATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/387	STANDARD SPECIFICATION FOR POTASSIUM DICHROMATE, EXTRA PURE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	7778-50-9
Chemical Formula	$K_2Cr_2O_7$
Formula weight	294.18
Functional Uses	Potassium dichromate may be used in the preparation of hybrid polymer-clay Nano composite supported dichromate reagents. It may also be used as an oxidant for the selective oxidation of primary and secondary alcohol to corresponding aldehydes and ketones, respectively.
Standard Packaging	500 gm., 5Kg & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Orange crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	3.5 – 5.0
Moisture	NMT – 0.05%
Chloride (Cl)	NMT – 0.001%
Sulphate (SO ₄)	NMT – 0.005%
Calcium (Ca)	NMT – 0.0002%
Sodium (Na)	NMT – 0.02%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

