



Product Specification

Product Name: POTASSIUM DICHROMATE AR

Alternate Name(s)

Description

Bright, yellowish-red, transparent crystals; bitter metallic taste.

Properties

Chemical Formula: $K_2Cr_2O_7$

Molecular Weight: 294.18

Product Code: PA018

CAS No.: 7778-50-9

General Information:

Insoluble in alcohol. Toxic if swallowed or inhaled. May cause cancer by inhalation. Strong oxidising agent. Dangerous fire risk in contact with organic materials.

Hazard and Safety Data

UN Group: II
Class: 6.1
UN Number: 3086
Hazchem code: 2W
CS MSDS Code: 1CH5A
Poison schedule: S6
Emergency
Procedure Guide No.: 31

Quality Specification

Typical Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Melting Point	396 - 398 °C
Boiling Point (decomposes)	500 °C
Specific Gravity (@ 25 °C)	2.676
Solubility in Water (@ 20 °C)	130 g/L
pH Value (1% solution)	4.04
pH Value (10% solution)	3.57
Insoluble matter	0.005%
Loss on drying	0.05%
Chloride (Cl)	0.001%
Sulfate (SO4)	0.005%
Calcium (Ca)	0.003%
Iron (Fe)	0.001%
Sodium (Na)	0.02%

CONFORMS TO ACS

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