

CHROMIUM SULFATE

CHROMIUM SULFATE, CERTIFIED

PROPERTIES:

ASSAY (As Cr)	18 – 21 %
COLOR	DARK GREEN CRYSTALS

MAXIMUM LIMITS OF IMPURITIES

ALKALIES & EARTHS	0.50%
ALUMINUM	0.020%
AMMONIA	0.05%
CHLORIDE	0.005%
INSOLUBLE MATTER	0.010%
IRON	0.010%

FORMULA: $\text{Cr}_2(\text{SO}_4)_3 \cdot n\text{H}_2\text{O}$

CHROMIUM SULFATE, 1/3 BASIC SOLUTION

PROPERTIES:

APPEARANCE	DARK GREEN LIQUID
ASSAY FOR CHROME OXIDE (Cr_2O_3)	6.0 – 12.0 % W/W OR 9.0 – 15.0 % W/V
SPECIFIC GRAVITY @ 25°C	1.10 – 1.30
PH @ 25°C	1.0 – 3.0

CHROME ALUM

(CHROMIUM POTASSIUM SULFATE)

GENERAL DESCRIPTION AND CHARACTERISTICS

APPEARANCE: VIOLET CRYSTALS
CAS NUMBER: 10279-63-7
SOLUBILITY IN WATER: 200gm/L @ 20C

CHROMIUM POTASSIUM SULFATE, ACS REAGENT

PROPERTIES:

ASSAY	98.0 – 102.0%
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MAXIMUM LIMITS OF IMPURITIES:

INSOLUBLE MATTER	0.01%
CHLORIDE	0.002%
ALUMINUM	0.02%
AMMONIUM	0.01%
HEAVY METALS	0.01%
IRON	0.01%

FORMULA: $\text{CrK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$