



CHROMIUM (III) POTASSIUM SULPHATE DODECAHYDRATE AR/ACS	
PRODUCT CODE	R05858
SYNONYMS	Alum chrome
C.I. NO.	--
CASR NO.	(7788-99-0)
ATOMIC OR MOLECULAR FORMULA	CrK(SO ₄) ₂ .12
ATOMIC OR MOLECULAR WEIGHT	H ₂ O499.40
PROPERTIES	Efflorescent
PARAMETER	LIMIT
Description	Dark violet crystals.
Solubility	5% solution in water is clear and bright.
Minimum assay (Iodometric)	99.0%
Melting range	88 - 91 ^o C
MAXIMUM LIMIT OF IMPURITIES	
Ammonium (NH ₄)	0.01%
Chloride (Cl)	0.002%
Aluminum (Al)	0.005%
Copper (Cu)	0.001%
Iron (Fe)	0.01%
Lead (Pd)	0.005%
Note(s): Assay (if applicable) method mentioned.	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal:-----	IMDG Code : -- UN No. : -- IATA : --
Hazard Pictogram(s) :-----	 GHS05 GHS07

Replace Date 1 April 2023

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