



Product Specification

cdhfinechemical.com

POTASSIUM SULPHATE AR/ACS

PRODUCT CODE	615395	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7778-80-5)	
ATOMIC OR MOLECULAR FORMULA	K ₂ SO ₄	K ₂ SO ₄
ATOMIC OR MOLECULAR WEIGHT	174.25	
PROPERTIES	Soluble in water, insoluble in alcohol.	
PARAMETER	LIMIT	
Description	Colourless crystals or white crystalline powder.	
Solubility	10% Solution in hot water is clear and colourless.	
Identification	Passes test	
Minimum assay (alkalimetric)	99.5%	
pH (5% aqueous solution)	5.5 – 8.5	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 130°C, 4 hrs.)	0.5%	
Insoluble matter	0.005%	
Acidity or alkalinity	Passes test	
Chloride (Cl)	0.0005%	
Nitrogen compounds (N)	0.0005%	
Calcium (Ca)	0.0025%	
Heavy metals (as Pb)	0.0005%	
Iron (Fe)	0.0005%	
Lead (Pb)	0.0002%	
Magnesium (Mg)	0.002%	
Sodium (Na)	0.02%	
Note(s): Assay (if applicable) method mentioned.		
WARNING		IMDG Code : --
Hazard statements :Not hazardous. No hazards.		UN No. : --
Precautionary statements		IATA : --
Prevention: -----		
Response: ---		
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :--		

Replace date 10-jan-2026