



Product Specification

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SODIUM SULPHATE ANHYDROUS AR/ACS

PRODUCT CODE	646605
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7757-82-6)
ATOMIC OR MOLECULAR FORMULA	Na ₂ SO ₄
ATOMIC OR MOLECULAR WEIGHT	142.04
PROPERTIES	Non-combustible, Hygroscopic
PARAMETER	LIMIT
Description	White hygroscopic crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (Acidimetric after drying)	99.0%
pH of (5 % solution in water)	5.2-9.2
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 130°C)	0.5%
Loss on ignition(at 800°C)	0.5%
Insoluble matter	0.01%
Acidity (H ₂ SO ₄)	0.01%
Alkalinity(NaOH)	0.008%
Chloride (Cl)	0.001%
Nitrogen compound (N)	0.0005%
Phosphate(PO ₄)	0.001%
Calcium (Ca)	0.01%
Iron (Fe)	0.001%
Heavy Metals (as Pb)	0.0005%
Magnesium (Mg)	0.005%
Potassium (K)	0.01%
Reducing substances (O)	0.002%
Oxidising substances	No reaction
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements :	IATA : --
Prevention:	
Response:	



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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 11-Nov-2025