



Product Specification

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
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Description	White crystalline powder (Hygroscopic)
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric after drying)	99.5%
pH of (5% soln. in water)	5.2 to 8.0

MAXIMUM LIMIT OF IMPURITIES

Loss on drving (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 comp.(N)	0.0005%
Phosphate (PO ₄)	0.001%
Arsenic (As)	0.0001%
Calcium (Ca)	0.005%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Heavy Metals (as Pb)	0.0005%
Magnesium (Mg)	0.001%
Potassium (K)	0.002%
Reducing substances (O)	0.002%
Oxidising substances	No reaction.

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

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) :

IMDG Code :

UN No. :

IATA :