

1-AMINO-2-NAPHTHOL-4-SULPHONIC ACID AR FOR DETERMINATION OF PHOSPHATE

PRODUCT CODE	282145	
SYNONYMS	4-AMINO-3-HYDROXYNAPHTHALENE-1-SULPHONIC ACID AR	
C.I. NO.	--	
CASR NO.	(116-63-2)	
ATOMIC OR MOLECULAR FORMULA	NH₂C₁₀H₅(OH)SO₃H	
ATOMIC OR MOLECULAR WEIGHT	239.25	
PROPERTIES	---	
PARAMETER	LIMIT	
Description	Lilac coloured crystalline powder.	
Solubility	Insoluble in cold water and alcohol; soluble in alkali.	
Minimum Assay(Acidimetric, dried)	98.0%	
Sensitivity to Phosphate	To pass the test.	
MAXIMUM LIMIT OF IMPURITIES		
Sodium hydroxide-insoluble matter	0.1%	
Chloride (Cl)	0.01%	
Sulphate (SO ₄)	0.2%	
Copper (Cu)	0.005%	
Iron (Fe)	0.005%	
Lead (Pb)	0.01%	
Loss on drying (at 105°C)	5.0%	
Residue after ignition	0.1%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER		IMDG Code :
Hazard statements :May cause allergic or asthmatic symptoms or breathing difficulties if inhaled .		UN No. :
Precautionary statements		IATA :
Prevention : In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray.		
Response : If experiencing respiratory symptoms call a POISON CENTER or doctor/ physician. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.		
Disposal : The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with		
Hazard pictogram(s) :	 GHS08	

Replace date 17-june-2023