



Product Specification

cdhfinechemical.com

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

PRODUCT CODE	455735
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 Hazard statements :May cause allergic or asthmatic symptoms or breathing difficulties if inhaled . Precautionary statements 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.	IMDG Code : UN No. : IATA :
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with	
Hazard pictogram(s) :	
 GHS08	

