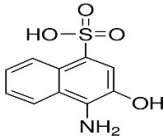





1-AMINO-2-NAPHTHOL-4-SULPHONIC ACID AR FOR DETERMINATION OF PHOSPHATE

| | | |
|--|--|---|
| PRODUCT CODE | R02023 | |
| SYNONYMS | 4-AMINO-3-HYDROXYNAPHTHALENE-1-SULPHONIC ACID AR |  |
| C.I. NO. | -- | |
| CASR NO. | (116-63-2) | |
| ATOMIC OR MOLECULAR FORMULA | $\text{NH}_2\text{C}_{10}\text{H}_5(\text{OH})\text{SO}_3\text{H}$ | |
| 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) : | | |
|  | | |

Replace Date 1 April 2023

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