

di-POTASSIUM HYDROGEN ORTHOPHOSPHATE FOR MOLECULAR BIOLOGY

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| PRODUCT CODE | 972300 |
| SYNonyms | -- |
| C.I. NO. | -- |
| CASR NO. | (7758-11-4) |
| ATOMIC OR MOLECULAR FORMULA | K ₂ HPO ₄ |
| ATOMIC OR MOLECULAR WEIGHT | 174.18 |
| PROPERTIES | Strongly alkaline. Insoluble in alcohol. |
| PARAMETER | LIMIT |
| Description | A white hygroscopic crystals / crystalline powder. |
| Solubility | 10% solution in water is clear and colourless. |
| Minimum Assay (Acidimetric) | 99.5% |
| MAXIMUM LIMIT OF IMPURITIES | |
| Chloride (Cl) | 0.003% |
| Iron (Fe) | 0.001% |
| Abs. (A 0.1 mol/L/cm) at 260 nm | 0.01 |
| Abs. (A 0.1 mol/L/cm) at 280 nm | 0.01 |
| Heavy metals (as Pb) | 0.0005% |
| DNase,RNase,Protease & Phosphatases | None detected. |
| Note(s) : Assay (if applicable) method mentioned. | |
| WARNING | IMDG Code : UN No. : IATA : |
| Hazard statements :May cause long lasting harmful effects to aquatic life. Causes serious eye irritation. | |
| Precautionary statements | |
| Prevention : Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. | |
| Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. | |
| 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) :- |  GHS07 |

Replace date 12-Jan-2026