



# Product Specification

cdhfinechemical.com

## POTASSIUM CHLORIDE AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, PH.EUR


|                                    |  |            |
|------------------------------------|--|------------|
| <b>PRODUCT CODE</b>                | <b>612375</b>  |            |
| <b>SYNONYMS</b>                    | --   |            |
| <b>C.I. NO.</b>                    | --   |            |
| <b>CASR NO.</b>                    | <b>(7447-40-7)</b>                                     |            |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>KCl</b>   | <b>KCl</b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>74.55</b>   |            |
| <b>PROPERTIES</b>                  | <b>Insoluble in ether, acetone, hydrochloric acid.</b> |            |
| <b>PARAMETER</b>                   | <b>LIMIT</b>   |            |
| Description                        | Colourless crystals/white crystalline powder.          |            |
| Solubility                         | 10% solution in water is clear and colourless.         |            |
| Identification                     | Passes test.   |            |
| Minimum Assay                      | 99.5%  |            |
| pH of (5% w/v aqueous solution)    | 5.0 - 8.0  |            |
| <b>MAXIMUM LIMIT OF IMPURITIES</b> |  |            |
| Loss on drying (at 150°C)          | 0.2%   |            |
| Insoluble matter                   | 0.003%   |            |
| Acidity (as HCl)                   | 0.003%   |            |
| Alkalinity (as KOH)                | 0.005%   |            |
| Sulphate (SO <sub>4</sub> )        | 0.003%   |            |
| Total Nitrogen (N)                 | 0.001%   |            |
| Arsenic (As)                       | 0.0001%  |            |
| Aluminium (Al)                     | 0.0001%  |            |
| Barium (Ba)                        | 0.001%   |            |
| Bromide (Br)                       | 0.01%  |            |
| Iodide (I)                         | 0.002%   |            |
| Phosphate (PO <sub>4</sub> )       | 0.0005%  |            |
| Calcium (Ca)                       | 0.001%   |            |
| Copper (Cu)                        | 0.0002%  |            |
| Iron (Fe)                          | 0.0002%  |            |
| Lead (Pb)                          | 0.0002%  |            |
| Magnesium (Mg)                     | 0.0005%  |            |
| Magnesium & alkaline earthmetals   | 0.02%  |            |

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



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|---|---|
| <p><b>WARNING</b><br/><b>Hazard statements</b> :Harmful if swallowed. Causes eye irritation.<br/><b>Precautionary statements</b><br/><b>Prevention</b> :Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.<br/><b>Response</b> :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. Specific treatment: refer to Label or MSDS.</p> | <p>IMDG Code :<br/>UN No. :<br/>ATA :</p> |
| <p><b>Disposal</b>:Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.</p>  |   |
| <p><b>Hazard Pictogram(s)</b> :</p> <div style="text-align: center;"><br/>GHS07</div>  |   |

Replace date 5-May-2022