



Product Specification

Product Name: **di-POTASSIUM HYDROGEN ORTHOPHOSPHATE
Anhydrous AR**

Alternate Name(s) Dipotassium hydrogen phosphate; potassium phosphate, dibasic;
Description dipotassium phosphate; dibasic potassium phosphate.
White, hygroscopic crystals or powder. Odourless.

Properties

Chemical Formula:

Molecular Weight: 174.17

Product Code: PA020

CAS No. 7758-11-4

General Information:

Soluble in water; slightly soluble in alcohol. Incompatible with acids. May be mildly corrosive to steel and aluminum. Non combustible material.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH2I
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

pH Value of a 5% solution at 25°C	8.5 - 9.6
Insoluble matter	≤ 0.01%
Loss on drying at 105 °C	≤ 1.0%
Chloride (Cl)	≤ 0.003%
Nitrogen compounds (as N)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.0005%
Iron (Fe)	≤ 0.001%
Sodium (Na)	≤ 0.05%

CONFORMS TO ACS

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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