



## Product Specification

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### di-POTASSIUM HYDROGEN ORTHOPHOSPHATE (DIBASIC) ANHYDROUS HIPURE TYPE II

<b>PRODUCT CODE</b>	<b>H59963</b>
<b>SYNOMYS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(7758-11-4)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>K<sub>2</sub>HPO<sub>4</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>174.18</b>
<b>PROPERTIES</b>	<b>Hygroscopic.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	A white hygroscopic crystals / crystalline powder.
Solubility	10% solution in water is clear and colourless.
Assay (Acidimetric)	98.0-100.5%
Identity	Passes test
Appearance of solution	Passes test
pH value (5% solution)	8.5 - 9.6
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Insoluble substances	0.2%
Carbonate	Passes test
Chloride (Cl)	0.02%
Fluoride (F)	0.001%
Sulphate(SO <sub>4</sub> )	0.1%
Aluminium (Al)	0.0005%
Arsenic (As)	0.0002%
Iron (Fe)	0.0010%
Sodium (Na)	1.5%
Sodium (Na)	Passes test
Potassium dihydrogen phosphate	2.5%
Potassium dihydrogen phosphate and tri potassium phosphate	Passes test
Residual solvents (ICH Q3C)	Excluded by manufacturing process
Reducing substances	Passes test
Loss in drying (130°C)	1.0%
Endotoxins	2.5 I.U/g
Total aerobic microbial count	100 CFU/g
Total yeast and mould count	100 CFU/g
DNases (Exo-and endonucleases) (not detectable)	Passes test
RNases (not detectable)	Passes test
Proteases (not detectable)	Passes test



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

**WARNING**

**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