

Product Specifications



SCIENTIFIC

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POTASSIUM PHOSPHATE MONOBASIC

Product Number

Size

IB72110	500g
IB72111	1KG
IB72112	2.5KG
IB72113	5KG

PHYSICAL SPECIFICATIONS

Lead	≤ 1ppm
pH	4.3 - 4.7
Loss on drying	≤ 1%
Assay	≥ 99%
Water insoluble matter	≤ 0.2%
Fluorine (F)	≤ 10ppm
Arsenic as As	≤ 1ppm
Mercury as Hg	≤ 1ppm
Cadmium as Cd	≤ 1ppm
Appearance	White powder, hygroscopic
Potassium Oxide	≥ 33.5%
Phosphorus pentoxide	≥ 51.2%
Identity	Conforms

STORAGE

Store at room temperature. Keep tightly sealed.

CAS NO.

CAS# 7778-77-0

WARNING

Classification: Skin Irritant - 2 / Eye Irritant - 2

Hazard Statements: H315-Causes skin irritation • H319-Causes serious eye irritation

Precautionary Statements: P264- Wash contaminated skin thoroughly after handling * P280- Wear protective gloves/ protective clothing/eye protection/face protection * P302+P352-IF ON SKIN: Wash with plenty of water * P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing * P332+P313- If skin irritation occurs: Get medical advice/attention * P227+P313- If eye irritation occurs: Get medical advice/attention * P263+P364- Take off contaminated clothing and wash it before reuse.



WARNING!

RECOMMENDED USE

IBI Potassium phosphate monobasic, also known as Monopotassium phosphate, is an organic compound. It is a soluble salt that is often used as a buffering agent. It can also be used in fertilizer mixtures to reduce the escape of ammonia by keeping pH low.

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.