



Product Information Sheet

Monopotassium Phosphate, Food Grade

Monopotassium Phosphate

CAS #:	7778-77-0
Chemical Formula:	KH_2PO_4
Appearance And Odor:	Odorless, fine white crystals
Molecular Weight:	136.09

Application:

Leavening agent, dough conditioners, pH and buffering agents.

Chemical Analysis:

Component	Typical	Guaranteed
Assay (After Drying)	98.0%	98.0% Min
Total Phosphorus (P_2O_5)	Min 51.5%	51.5% Min
Total Potassium (K_2O)	34.0% Min	34.0% Min
F	10 ppm% Max	10 ppm% Max
Cd	1 ppm% Max	1 ppm% Max
As	2 ppm% Max	2 ppm% Max
Pb	0.2% Max	0.2% Max
Moisture Content	0.2% Max	0.2% Max
Loss on drying		

Physical Properties:

Component	Typical	Guaranteed
pH: 1% Sol.	4.2%	4.6% Max
Bulk Density	1.0 - 1.6 kg/lt (Tapped)	
Water Insolubles	0.1% Max/6.44 Mscm	
Insolubilities	0.1% - 0.12%	0.2% Max

Packaging:

50 lb bags on shrink-wrapped pallets; 2,000 lb big bags, store in ambient temperatures and dry place. Avoid direct exposure to sunlight.

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