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Product Specifications



Catalogue Number	35753
Product	Potassium phosphate dibasic anhydrous Dipotassium hydrogenphosphate Dipotassium phosphate
CAS Number	38149'7758-11-4
Molecular Formula	K ₂ HPO ₄
Molecular Weight	174.18

Warnings	<i>Hygroscopic!</i>
Appearance	Colorless or white granular powder
Solubility	Freely soluble in water, very slightly soluble in alcohol
Anion	Carbonate : To pass test Chloride : ≤ 0.03% Sulfate : ≤ 0.1% Fluoride : ≤ 10 ug/g
Cation	Arsenic : ≤ 3 ppm Iron : ≤ 30 ppm Sodium : To pass test
pH	8.5 - 9.6
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 1% (105 °C)
Insoluble material	≤ 0.2%
Assay by titration	98.0 - 100.5% (On dry basis)
Grade	USP
Application	Buffer solutions
Storage	Store at RT
Additional Information	Identification A : Gives reaction of Potassium Identification B : Gives reaction of Phosphate Monobasic or tribasic salt : To pass test

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For Laboratory Use Only