



54358

Potassium Dihydrogen Orthophosphate for
molecular biology, 99.5%

Part A

CAS : 7778-77-0

Molecular Formula : KH₂PO₄

Molecular Weight : 136.09

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (by Neutralization)	min. 99.5%
pH (5% aq. solution)	4.1 - 4.5
Loss on drying	max. 0.05%
Chloride (Cl)	max. 0.0005%
Sulphate (SO ₄)	max. 0.005%
Iron (Fe)	max. 0.002%
Heavy Metals (Pb)	max. 0.0005%
Nitrogen Compounds (N)	max. 0.002%
Copper (Cu)	max. 0.0005%
Sodium (Na)	max. 0.01%
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O	
@260nm	max. 0.046
@280nm	max. 0.040
DNase, RNase, Protease	Not detected

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
250 Gms	28352400 (GST 18%)
5 Kg	28352400 (GST 18%)
500 Gms	28352400 (GST 18%)
Type of Packing	
250 Gms	Plastic Bottle

500 Gms	Plastic Bottle
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Available Packages

250 Gms
500 Gms
5 Kg

Disclaimer

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