



Jul 29, 2019

## Make potassium orthophosphate solution V.7

Gurdon Institute media kitchen<sup>1</sup><sup>1</sup>Wellcome Trust / Cancer Research UK Gurdon Institute

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Works for me

dx.doi.org/10.17504/protocols.io.5yeg7te



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### MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

Potassium Dihydrogen Orthophosphate Certified AR for Analysis Fisher Chemical

P/4800/53

Fisher Scientific

Di-Potassium Hydrogen Orthophosphate Anhydrous Extra Pure SLR Fisher Chemical

P/5240/53

Fisher Scientific

1 ☐ potorthophosphates1or2L.xls

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Solution	Potassium Orthophosphates				
Strength	0.17M & 0.72	pH:		Batch size	1.2L
Date of preparation					
Ingredients	Quantity	Added (tick)	Manufacturer	/Batch No.	
KH <sub>2</sub> PO <sub>4</sub> ( potassium dihydrogen orthophosphate )	27.7g				
K <sub>2</sub> HPO <sub>4</sub> (dipotassium hydrogen orthophosphate )	150.5g				
Double distilled H <sub>2</sub> O	up to 1.2L				

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Solution	Potassium Orthophosphates				
Strength	0.17M & 0.72	pH:		Batch size	1.2L

Ingredients			Quantity		
KH <sub>2</sub> PO <sub>4</sub> (potassium dihydrogen orthophosphate )		27.7g			
K <sub>2</sub> HPO <sub>4</sub> (dipotassium hydrogen orthophosphate )		150.5g			
Double distilled H <sub>2</sub> O		up to 1.2L			
Method					
1	Using a 2L measuring cylinder add 500ml of double distilled H <sub>2</sub> O.				
2	Dissolve solutes and make up to final volume with double distilled H <sub>2</sub> O				
3	Dispense into 12 x 100ml bottles.				
4	Label, date and autoclave.				



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