



Jul 27, 2019

Make potassium orthophosphate solution V.5

Gurdon Institute media kitchen¹¹Wellcome Trust / Cancer Research UK Gurdon Institute

1

Works for me

dx.doi.org/10.17504/protocols.io.5xgg7jw



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1 ☐ potorthophosphates1or2L.xls

2

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

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| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| Method | | | | | |
| 1 | Using a 2L measuring cylinder add 500ml of double distilled H ₂ O. | | | | |
| 2 | Dissolve solutes and make up to final volume with double distilled H ₂ O | | | | |
| 3 | Dispense into 12 x 100ml bottles. | | | | |
| 4 | Label, date and autoclave. | | | | |



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