



## J100-XXXX; Citric Acid USP Grade, Anhydrous Instructions for Use

### Indications for Use:

Part numbers J100-XXXX (all J100 series citric acid), after proper preparation of rinse solution and in accordance with the machine's and manufacturer's recommendations for disinfection, are intended for the use of cleaning, decalcification and heat –disinfection of hemodialysis machines.

### Directions for Use:

- 1) Select the appropriate vessel to mix the citric acid solution.
- 2) Make sure the vessel is clean and dry.
- 3) From the dilution chart below, establish the amount/total volume of citric acid to be prepared.
- 4) Based on the percent dilution and total volume to be produced; from the chart below, select and record the amount of citric acid powder required.
- 5) Wear gloves and protective eyewear when mixing.
- 6) Open bag of citric acid and weigh the necessary amount of powder required per step #4.
- 7) Fill the mixing vessel with AAMI quality water with one half of the desired total volume to be produced.
- 8) Add the total amount of citric acid powder from step #6.
- 9) Cap and agitate container until all of the powder is dissolved in the solution (clear solution).
- 10) Add additional AAMI quality water to the final fill level.
- 11) Cap and agitate container to assure a homogeneous solution.
- 12) If mixing is done in the final container to be used, cap the container. Label per procedures.
- 13) If a mixing vessel is used, after completion, dispense and cap as noted in step #12.

Strength Desired	500 ml	1000 ml	2000 ml	3785 ml	9463 ml
<b>5 %</b>	25.5 g CA 484 ml RO	51 g CA 969 ml RO	102 g CA 1939 ml RO	193 g CA 3668 ml RO	482 g CA 9173 ml RO
<b>10 %</b>	52 g CA 468 ml RO	104 g CA 937 ml RO	209 g CA 1875 ml RO	395 g CA 3547 ml RO	988 g CA 8868 ml RO
<b>15 %</b>	80 g CA 452 ml RO	160 g CA 904 ml RO	320 g CA 1808 ml RO	604 g CA 3421 ml RO	1510 g CA 8554 ml RO
<b>20 %</b>	109 g CA 435 ml RO	218 g CA 869 ml RO	436 g CA 1738 ml RO	824 g CA 3289 ml RO	2061 g CA 8222 ml RO
<b>25 %</b>	139 g CA 417 ml RO	278 g CA 833 ml RO	556 g CA 1666 ml RO	1050 g CA 3153 ml RO	2629 g CA 7880 ml RO
<b>30 %</b>	171 g CA 397 ml RO	341 g CA 795 ml RO	682 g CA 1590 ml RO	1290 g CA 3008 ml RO	3225 g CA 7520 ml RO
<b>35 %</b>	204 g CA 378 ml RO	407 g CA 755 ml RO	814 g CA 1510 ml RO	1540 g CA 2858 ml RO	3850 g CA 7144 ml RO
<b>40 %</b>	238 g CA 357 ml RO	476 g CA 714 ml RO	952 g CA 1427 ml RO	1801 g CA 2701 ml RO	4502 g CA 6751 ml RO
<b>45 %</b>	275 g CA 335 ml RO	549 g CA 670 ml RO	1097 g CA 1340 ml RO	2074 g CA 2536 ml RO	5185 g CA 6340 ml RO
<b>50 %</b>	312 g CA 312 ml RO	624 g CA 624 ml RO	1248 g CA 1248 ml RO	2362 g CA 2362 ml RO	5906 g CA 5906 ml RO

<p>1 gram = 0.0022 lbs. 1 gallon = 3.785 liters</p>
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### Warnings and Cautions:

- Causes serious eye irritation. See SDS for additional information.
- Do not use after expiration date.

**Interferences:** Not Applicable

### Storage:

Keep container closed and in a cool and dry area.  
Store at a temperature between 39° F (4°C) and 86° F (30°C).