



SupplyMed Co.Ltd.

18/44 Moo 5 Nadee , Muang Samutsakhon , Samutsakhon , Thailand 74000
Tel.(660)3487-9683 Fax :(660)3483-1440 web : www.supplymed.net email : supplymed@3bbmail.com



Product Name : **1.1 Dialysis Powder "A" with Dextrose**

Special Features : A packing containers made of aluminum foil, which features anti-coagulation in just a few of the chemical Prevent contact with moisture. Substances to avoid changes in physical properties. And to eliminate the risk of bacterial contamination. Reduce storage space. Easy to use. Until now recognized internationally.

Package : 1 set include Dialysis Powder "A" 4,710 gram 1 bag, Acetic acid 120 ml 1 Bottle and 700 gram of Dextrose Anhydrous 1 bag



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1.1.1 Dialysis Powder “A” 4,710 g

contains Sodium Chloride (NaCl), Potassium Chloride (KCl) , Magnesium Chloride ($MgCl_2$), Calcium Chloride ($CaCl_2$) is a white powder with a purity more than 90%, the grade used in pharmaceutical grade recognized by USP, .Ph.Eur, BP.



1.1.2 Dialysis Acetic acid 120 ml

contains acetic acid is a liquid clear with a purity > 90%, the grade used in pharmaceutical grade recognized by USP, .Ph.Eur, BP.



1.1.3 Dextrose Anhydrous 700 g

contains Dextrose Anhydrous, the grade used in pharmaceutical grade recognized by USP, .Ph.Eur, BP.



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No. of pieces per box : 4 Set

Direction : Dialysis Powder "A" with Dextrose

Packing	preparation concentrated acid solution
4,710 gram For 20 L Mixing in Tank M 100/200 A	<ol style="list-style-type: none">1. Dialysis Powder "A" substance only 1 set all together in mixing.2. Add/Dilute with Deionized Water by adjusting to the totally volume 20 liters.3. Mixing this solution in Mixing Tank for 10 minutes.4. Concentrate Solution is the acidic solution.

Notice :* Do Not mix the partially acidic concentrate. Please mix in specific volume on label.

Storage : Product must be put on pallet to keep drying, ventilation and avoid to contact with moisture. Keeping condition in temperature below 40 degrees Celcius or 104 Fahrenheit's Humidity $45 \pm 10\%$.

Shelf Life : 2 years (based on expiration date label).



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Quality control

: Quality control system under a contract with GMP, ISO 9001: 2008 and ISO 13485: 2003 audit every step of production. Purified water: Purified water used in mixing solutions related products. For dialysis. Water must be filtered through the standard used in medical and acceptance (USP, Ph. Eur, BP).

Deionized Water

: Pure water used to dilute concentrate hemodialysis solutions. Water must be filtered through the steps to be used in medical standards and suitable quality. (AAM, Ph, Eur. BP).

Compatibility

: Products compatible with a set of chemical dialysis solution concentration. The pH value of "B" then mixed with pure water in the ratio A: B: Water =1:1.225:32.775. Results of a series of soluble chemical dialysis. (machine settings 35X) as follows

Contents	(mEq/litre)
Sodium	138.00
Potassium	2.00
Calcium	3.50
Magnesium	1.00
Chloride	112.60
Acetic acid	3.00
Bicarbonate	32.00



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Product Name : 1.2 Dialysis Powder "A" without Dextrose

Special Features : A packing containers made of aluminum foil, which features anti-coagulation in just a few of the chemical Prevent contact with moisture. Substances to avoid changes in physical properties. And to eliminate the risk of bacterial contamination. Reduce storage space. Easy to use. Until now recognized internationally.



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Package : 1 set include Dialysis Powder “A” 4,710 gram 1 bag and Acetic acid 120 ml 1 Bottle.



1.2.1 Dialysis Powder “A” 4,710 g

contains Sodium Chloride (NaCl), Potassium Chloride (KCl) , Magnesium Chloride (MgCl₂), Calcium Chloride (CaCl₂) is a white powder with a purity more than 90%, the grade used in pharmaceutical grade recognized by USP, .Ph.Eur, BP.



1.2.2 Dialysis Acetic acid 120 ml

contains acetic acid is a liquid clear with a purity > 90%, the grade used in pharmaceutical grade recognized by USP, .Ph.Eur, BP.



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No. of pieces per box : 4 Set

Direction : Dialysis Powder "A" without Dextrose

Packing	preparation concentrated acid solution
4,710 gram For 20 L Mixing in Tank M 100/200 A	<ol style="list-style-type: none"> 1. Dialysis Powder "A" substance only 1 set all together in mixing. 2. Add/Dilute with Deionized Water by adjusting to the totally volume 20 liters. 3. Mixing this solution in Mixing Tank for 10 minutes. 4. Concentrate Solution is the acidic solution.

Notice :* **Do Not mix the partially acidic concentrate. Please mix in specific volume on label.**

Storage : Product must be put on pallet to keep drying , ventilation and avoid to contact with moisture. Keeping condition in temperature below 40 degrees Celcius or 104 Fahrenheit's Humidity 45 ± 10%.

Shelf Life : 2 years (based on expiration date label).



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Quality control : Quality control system under a contract with GMP, ISO 9001: 2008 and ISO 13485: 2003 audit every step of production. Purified water: Purified water used in mixing solutions related products. For dialysis. Water must be filtered through the standard used in medical and acceptance (USP,Ph.Eur,BP).

Deionized Water : Pure water used to dilute concentrate hemodialysis solutions. Water must be filtered through the steps to be used in medical standards and suitable quality. (AAM, Ph, Eur.BP).

Compatibility : Products compatible with a set of chemical dialysis solution concentration. The pH value of "B" then mixed with pure water in the ratio A: B: Water =1:1.225:32.775. Results of a series of soluble chemical dialysis. (machine settings 35X) as follows

Contents	(mEq/litre)
Sodium	138.00
Potassium	2.00
Calcium	3.50
Magnesium	1.00
Chloride	112.60
Acetic acid	3.00
Bicarbonate	32.00



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Product Name : **2.1 Dialysis Powder "B" (Pulp) 3,360 g**

Special Features : A packing containers made of aluminum foil, which features anti-coagulation in just a few of the chemical Prevent contact with moisture. Substances to avoid changes in physical properties. And to eliminate the risk of bacterial contamination. Reduce storage space. Easy to use. Until now recognized internationally.

Package : 1 size of 3,360 grams.



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Direction : Dialysis Powder "B"

Packing	preparation solution
3,360 gram For 40 L Mixing inTank M 100/200 B	<ol style="list-style-type: none"> 1. Dialysis Powder "B" 3,360 grams in size mixing. 2. Add/Dilute with Deionized Water by adjusting to the totally volume 40 liters. 3. Mixing this solution in Mixing Tank for 15 minutes. 4. Concentrate Solution is the alkaline solution.

*** Notice : * Do Not mix the partially alkaline concentrate. Please mix in specific volume on label.**

Package : 1 sizes of 3,360 gram.

No. of pieces per box : 6 Set

Chemicals used : Sodium bicarbonate is a white powder with the purity > 90% the grade use in pharmaceutical grade recognized by USP, Ph., Eur, BP.

Storage : Product must be put on pallet to keep drying, ventilation and avoid to contact with moisture. Keeping condition in temperature below 40 degrees Celcius or 104 Fahrenheit's Humidity 45 ± 10%.

Shelf Life : 2 years (based on expiration date label).



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Quality control : Quality control system under a contract with GMP, ISO 9001:2008 and ISO 13485:2003 audit every step of production. Purified water: Purified water used in mixing solutions related products. For dialysis. Water must be filtered through the standard used in medical and acceptance. (USP, Ph., Eur, BP).

Deionized Water : Pure water used to dilute concentrate hemodialysis solutions. Water must be filtered through the steps to be used in medical standards and suitable quality. (AAM, Ph, Eur.BP).

Compatibility : Products compatible with a set of chemical dialysis solution concentration. The pH value of "B" then mixed with pure water in the ratio A: B: Water = 1:1.225:32.775. Results of a series of soluble chemical dialysis (machine settings 35X) as follows.

Contents	(mEq/litre)
Sodium	138.00
Potassium	2.00
Calcium	3.50
Magnesium	1.00
Chloride	112.60
Acetic acid	3.00
Bicarbonate	32.00



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Product name : **2.2 Bicarbonate Cartridge 720 / 940 g**

Special Features : Diapure Cartridge is a polypropylene column and is a key component. In the dialysis machine. Designed to be mixed solution by eliminating contamination and reduce the risk of disease, storage and transportation cost.



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Utilize : Diapure Cartridge attached to a special holder, deionized water pass through to mix the saturate bicarbonate solution and ready to use. The alkaline concentrate solution is then proportioned in dialysis machine.

Size packed : 2 size are 720 and 940 grams.

No. of pieces per box : 10 Set

Chemicals used : Each Diapure contain with Sodium Bicarbonate powder purity > 90% (USP, BP and Eur.Ph.grade).

Capacity : Compatible with a dialysis machine. To produce a solution. Sodium bicarbonate concentration of approximately 200 liters (260 liters).
The review period for use as follows.

Flow rate of dialysis machine		
	500 ml/min	700 ml/min
720 g	6 hr 45 min	4 hr 50 min
940 g	8 hr 45 min	6 hr 20 min



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Storage : Keep in good ventilation area and temperature below 40 degrees celcius or 104 degrees farenheit.

Shelf Life : 2 years (based on the label specified expiration date)

Quality Control : Quality control of manufacturing systems requirements under GMP, ISO9001:2008 and ISO13485:2003. Quality check and review every step of production.

Deionized Water : Pure water used to dilute concentrate hemodialysis solutions. Water must be filtered through the steps to be used in medical standards and suitable quality. (AAM, Ph, Eur.BP).

Compatibility : Products compatible with the chemistry of dialysis solution concentration. Valuable acidity. Then mixed with pure water in the ratio A:B:Water = 1:1.225:32.775. Results of the dissolution of the set of dialysate powder (machine settings 35X) as follows.

Contents	(mEq/litre)
Sodium	138.00
Potassium	2.00
Calcium	3.50
Magnesium	1.00
Chloride	112.60
Acetic acid	3.00
Bicarbonate	32.00