

## Adding Dextrose 55% to ExactaMix and Abacus

**These instructions are for using Glucose 50% as Dextrose 55% in ExactaMix and Abacus. Glucose 50% is what will actually be hung on the compounder.**

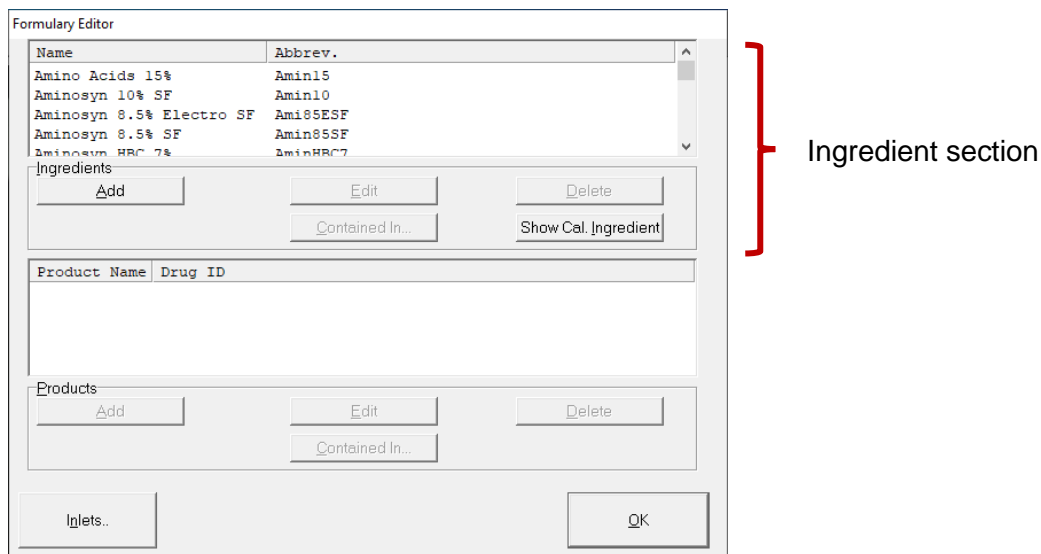
### ExactaMix and ExactaMix Pro Compounding Systems

**To enter flow factors, you will need to be logged in as the OEM user. Before starting this process, please contact Baxter Tech Support (1-800-678-2292) for the 1-day OEM password.**

### Adding Dextrose 55% to the ExactaMix Formulary

*NOTE: The screen shots in the instructions below are from the ExactaMix EM2400. ExactaMix EM1200 and/or ExactaMix Pro screens will look slightly different but will contain the same fields.*

1. Log into ExactaMix as an administrator.
2. If the “Compunder not ready for operation” message appears, select “No”.
3. On the pump screen select the “Menu” button.
4. On the menu screen select “Edit” then “Formulary Editor”.
5. In the formulary editor, in the top half of the screen in the Ingredients section select the “Add” button.



6. In the Add Ingredient screen enter the following values:

Field Name:	Value:
Name	Dextrose 55%
Abbreviation	Dex55G
Spec Gr	1.182
Warn if Manual Addition	Unchecked
Can be used for Universal Ingredient	Checked
Auto-Addition	Unchecked
Groups	<NONE>
(if EM Pro) Available	Checked

## ***Adding Dextrose 55% to ExactaMix and Abacus***

7. Screen should look like this:

**Add Ingredient**

Name: Dextrose 55%

Abbr: Dex55G

Spec Gr: 1.182

Groups: <NONE>, Calcium, Phosphate

Warn If Manual Addition

Can be used for Universal Ingredient

Auto-addition

Ingredient Abbreviation Preview: Dex55G

Save Cancel

8. Select the “Save” button.

9. In the upper section of the Formulary Editor screen ensure that the Dextrose 55% ingredient is highlighted.

**Formulary Editor**

Name	Abbrev.
Dextrose 5%	Dex05
Dextrose 50%	Dex50
<b>Dextrose 55%</b>	<b>Dex55G</b>
Dextrose 70%	Dex70
Famotidine 10mg/mL	Famot10

Ingredients: Add Edit Delete Contained In... Show Cal. Ingredient

Product Name Drug ID

Products: Add Edit Delete Contained In...

Inlets... OK

Products section

10. Select the “Add” button in the lower section of the Formulary Editor screen (Products section).

## Adding Dextrose 55% to ExactaMix and Abacus

11. In the Add Product screen enter the following values:

**IMPORTANT!** Ensure the Drug ID in the ExactaMix formulary matches exactly what is entered for this ingredient/product in your order entry software.

i.e., If the 5-4-2 format is being used in the order entry software, then it must also be used in ExactaMix.

Field Name:	Value:
Manufacturer	Baxter
Ingredient Name	Auto-populated
Inlet	Dextrose Inlet (173)
Container Size	3000
Barcode ID	Scan once product is received
Drug ID	0338-9787-01
Max Hang Time	24 (or facility protocol)
Container Type	Bag

12. Screen should look like this (with the exception of the Barcode ID):

13. Select the “Save” button.

## Adding Dextrose 55% to ExactaMix and Abacus

14. The Formulary Editor screen should now have the Dextrose 55% ingredient and product:

Name	Abbrev.
Dextrose 10%	Dex10
Dextrose 5%	Dex05
Dextrose 50%	Dex50
<b>Dextrose 55%</b>	<b>Dex55G</b>
Dextrose 70%	Dex70

Ingredients

Add Edit Delete

Contained In... Show Cal. Ingredient

Product Name	Drug ID
Baxter Dextrose 55% 3000 Bag	0338-9787-01

Products

Add Edit Delete

Contained In...

Inlets.. OK

15. Select the “OK” button.

### Adding Flow Factors for Dextrose 55%

**NOTE:** To enter flow factors, you will need to be logged in as the OEM user. Before starting, please contact Baxter Tech Support (1-800-678-2292) for the 1-day OEM password.

Flow Factor values for the EM1200 are listed under the EM2400 values. All other fields remain the same as the EM2400. All flow factors shown are for the 173 Dextrose inlet.

1. Log in as the OEM user.
2. If the “Compounder not ready for operation” message appears, select “No”.
3. On the pump screen select the “Menu” button.
4. On the menu screen select “Edit” then “Inlet Editor”.
5. In the upper section of the OEM Inlet Editor screen, highlight the 173 inlet.

## ***Adding Dextrose 55% to ExactaMix and Abacus***

6. In the lower section of the OEM Inlet Editor screen highlight the Dextrose Inlet.

OEM Inlet Editor

Order Number	Lowest Inlet Priming Vol.	Max Speed
173	50.00	375
174	50.00	240
175	5.00	51
176	5.00	51
751	5.00	51

OEM Inlets

Add Edit Delete

Description	Standard Priming Vol.	Max Speed
Dextrose Inlet	60.00	240
Non-Vented, Macro Inlet	60.00	375

Inlets

Add Edit Delete

Used By... Speeds/Flow Factors

Close

7. In the Inlets section towards the bottom of the screen select the “Speeds/Flow Factors” button.
8. In the Speeds for Inlet: Dextrose Inlet screen highlight speed 51 and select the “Flow Factors” button.

Speeds for Inlet: Dextrose Inlet

Speed	Minimum Volume
51	0.00
150	5.00
240	12.50

Add

Delete

Edit Speed Edit Min Volume Flow Factors

Close

## Adding Dextrose 55% to ExactaMix and Abacus

9. In the Flow Factors for Inlet Dextrose Inlet at Speed 51 screen select the “Add” button.

Ingredient	Speed	Flow Factor
Default	51	1.00
Dex 2.5% Na Cl 0.45%	51	1.02
Dex 5% Na Cl 0.2%	51	0.99
Dex 5% NaCl 0.225%	51	1.02
Dex 5% NaCl 0.45%	51	1.00
Dex 5% NaCl 0.9%	51	1.06

Flow Factors

Add Edit Delete

Close

10. Use the dropdown menu next to the Ingredient field to select the Dextrose 55% ingredient.

Add Flow Factor

Inlet: Dextrose Inlet

Speed: 51

Ingredient: Dextrose 55%  
Clindamycin  
Clinisol 15%  
ClnOleic 20%  
ClnoLipid 20%  
Cupric Sulfate 0.4mg/mL  
Dextrose 50%  
Dextrose 55%  
Famotidine 10mg/mL

Flow Factor:

Save

11. For the EM2400: in the Flow Factor field enter **1.005**

11.1. For the EM1200 the value for speed 51 is 1.032

Add Flow Factor

Inlet: Dextrose Inlet

Speed: 51

Ingredient: Dextrose 55%

Flow Factor: 1.005

Save Cancel

12. Select the “Save” button.

13. Select the “Close” button.

## ***Adding Dextrose 55% to ExactaMix and Abacus***

14. In the Speeds for Inlet: Dextrose Inlet screen highlight speed 150 and select the “Flow Factors” button.

Speed	Minimum Volume
51	0.00
150	5.00
240	12.50

Buttons: Add, Delete, Edit Speed, Edit Min Volume, Flow Factors, Close

15. In the Flow Factors for Inlet Dextrose Inlet at Speed 150 screen select the “Add” button.
16. Use the dropdown menu next to the Ingredient field to select the Dextrose 55% ingredient.
17. For the EM2400: in the Flow Factor field enter **0.979**

17.1. For the EM1200 the value for speed 150 is 0.987

Fields: Inlet (Dextrose Inlet), Speed (150), Ingredient (Dextrose 55%), Flow Factor (0.979)

Buttons: Save, Cancel

18. Select the “Save” button.
19. Select the “Close” button.

## ***Adding Dextrose 55% to ExactaMix and Abacus***

20. In the Speeds for Inlet: Dextrose Inlet screen highlight speed 240 and select the “Flow Factors” button.

Speed	Minimum Volume
51	0.00
150	5.00
240	12.50

Buttons: Add, Delete, Edit Speed, Edit Min Volume, Flow Factors, Close

21. In the Flow Factors for Inlet Dextrose Inlet at Speed 240 screen select the “Add” button.
22. Use the dropdown menu next to the Ingredient field to select the Dextrose 55% ingredient
23. For the EM2400: in the Flow Factor field enter **0.982**
- 23.1. For the EM1200 the value for speed 240 is 0.988

Fields: Inlet (Dextrose Inlet), Speed (240), Ingredient (Dextrose 55%), Flow Factor (0.982)

Buttons: Save, Cancel

24. Select the “Save” button.
25. Select the “Close” button.
26. Select the “Close” button on the Speeds for Inlet: Dextrose Inlet screen.
27. Select the “Close” button on the OEM Inlet Editor screen.
28. Log out as OEM.

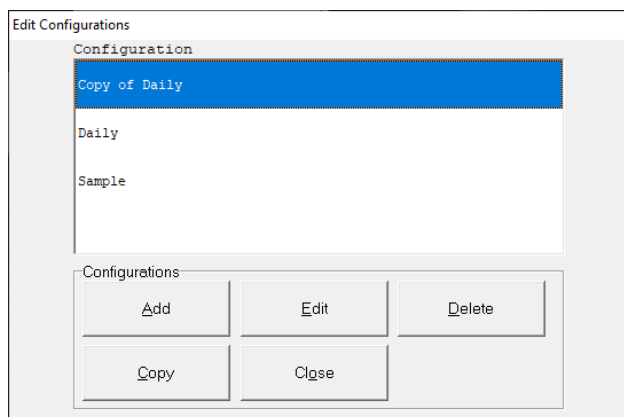


## **Adding Dextrose 55% to ExactaMix and Abacus**

### **Adding Dextrose 55% to a Configuration**

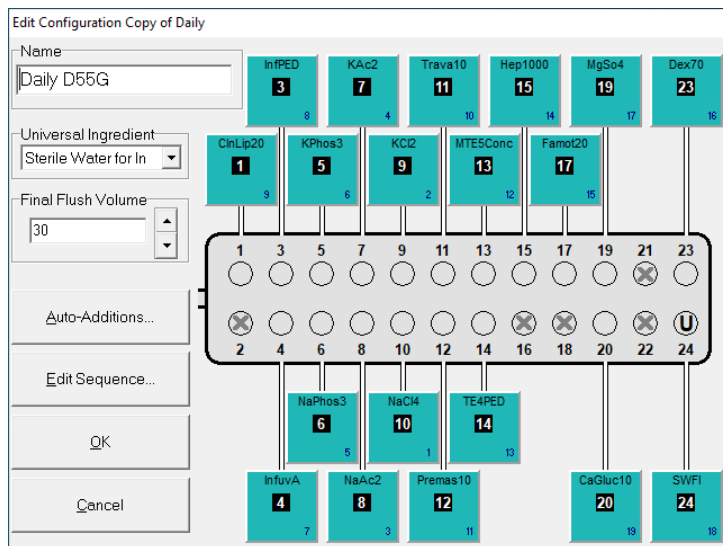
*NOTE: For ease of returning to the Dextrose 70% ingredient, it is recommended to make a copy of the configuration that is used on a regular basis and modify the copied configuration for use with Dextrose 55%.*

1. Log in as an administrator.
2. If the “Compounder not ready for operation” message appears, select “No”.
3. On the pump screen select the “Menu” button.
4. Print a copy of the configuration report for the configuration that will be used.
  - 4.1. Select Reports>Standard>Configuration.
  - 4.2. Select the applicable configuration for the report and select OK.
  - 4.3. When the report appears, print the report by selecting the printer icon in the upper left of the screen.
  - 4.4. After the report prints select “Exit” at the top of the screen.
  - 4.5. Obtain a copy of that report for later in this process.
5. On the menu screen select “Edit” then “Configuration Editor”.
6. In the Edit Configuration screen, locate the configuration that will be used and highlight it.
7. Select the “Copy” button in the lower section of the screen. A new configuration with the same name will be added with the words “Copy Of” at the beginning of the name.
8. Highlight the newly copied configuration and select the “Edit” button.

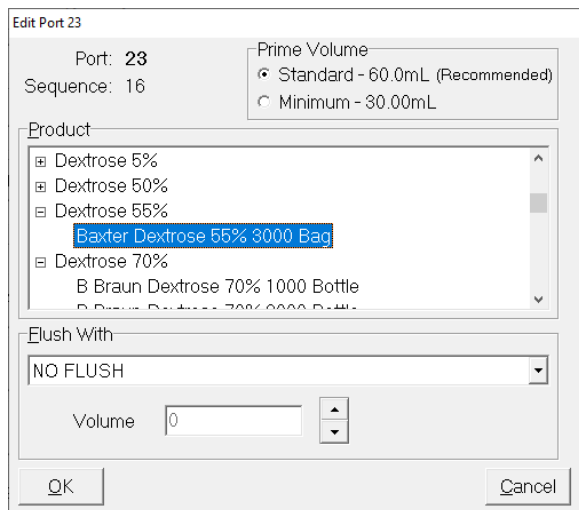


## Adding Dextrose 55% to ExactaMix and Abacus

- In the upper left-hand corner of the screen, change the name to reflect the new configuration. (In the example below, we added D55G to the name).



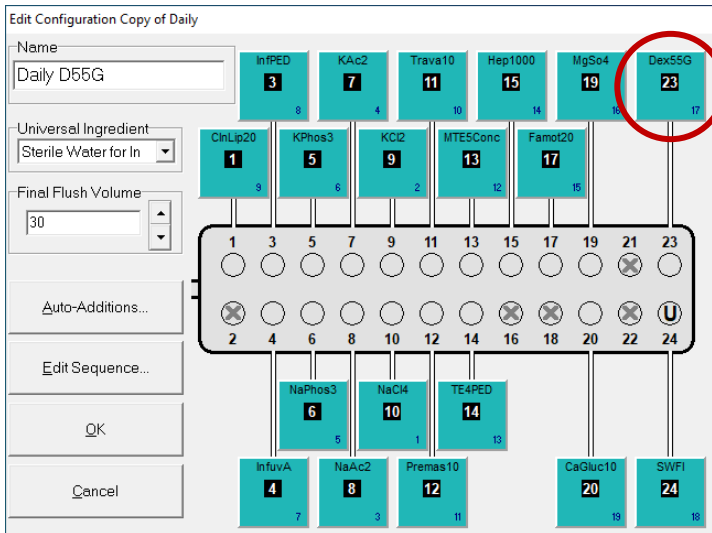
- Select the Dextrose ingredient. The edit port screen will open with the Dextrose product highlighted.
- Scroll down the products and select the Dextrose 55% product.



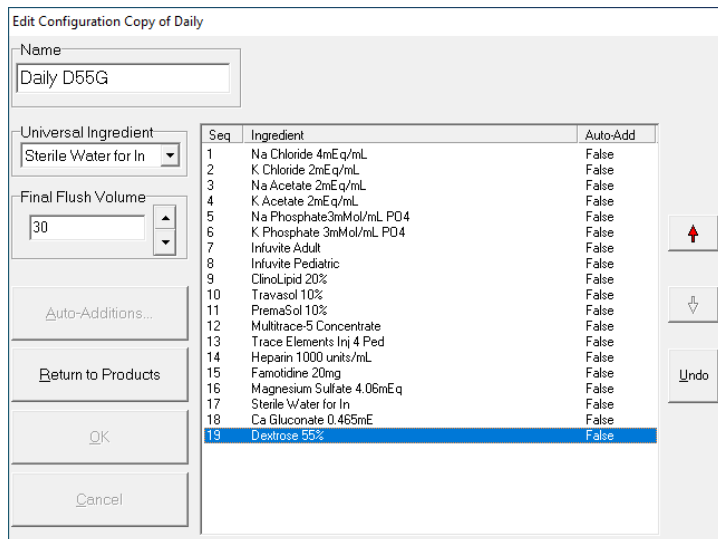
- Select the "OK" button.

## Adding Dextrose 55% to ExactaMix and Abacus

This will bring you back to the Edit Configuration screen and the Dextrose 70% will have been replaced with Dextrose 55%.



13. Select the “Edit Sequence” button on the left side of the screen.
14. Locate the Dextrose 55% ingredient and highlight it.



## ***Adding Dextrose 55% to ExactaMix and Abacus***

- Use the arrows on the right side of the screen to move the Dextrose 55% up or down into the same sequence position as the Dextrose was as listed on the Configuration Report that was printed earlier.

Edit Configuration Copy of Daily

Name  
Daily D55G

Universal Ingredient  
Sterile Water for In

Final Flush Volume  
30

Auto-Additions...

Return to Products

OK

Cancel

Seq	Ingredient	Auto-Add
1	Na Chloride 4mEq/mL	False
2	K Chloride 2mEq/mL	False
3	Na Acetate 2mEq/mL	False
4	K Acetate 2mEq/mL	False
5	Na Phosphate 3mMol/mL PO4	False
6	K Phosphate 3mMol/mL PO4	False
7	Infuvite Adult	False
8	Infuvite Pediatric	False
9	ClinoLipid 20%	False
10	Travasol 10%	False
11	PremaSol 10%	False
12	Multitrace-5 Concentrate	False
13	Trace Elements Inj 4 Ped	False
14	Heparin 1000 units/mL	False
15	Famotidine 20mg	False
16	Magnesium Sulfate 4.06mEq	False
17	Dextrose 55%	False
18	Sterile Water for In	False
19	Ca Gluconate 0.465mE	False

↑

↓

Undo

- Use the Configuration Report to ensure all the other ingredients are still in the same sequence as before.
- Select the “Return to Products” button. This will bring you back to the edit configuration screen.
- Select the “OK” button.
- Close the configuration editor
- Log out as an administrator.

The ExactaMix 2400 compounder is now ready to be setup and used with the new configuration containing Dextrose 55%.

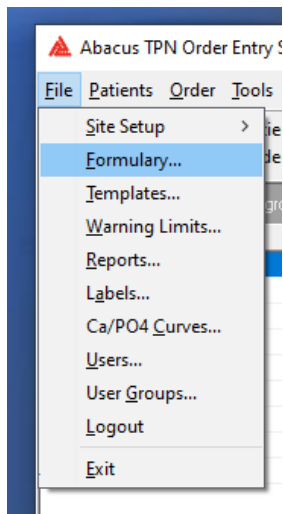
# Adding Dextrose 55% to ExactaMix and Abacus

## Abacus Order Entry and Calculation Software

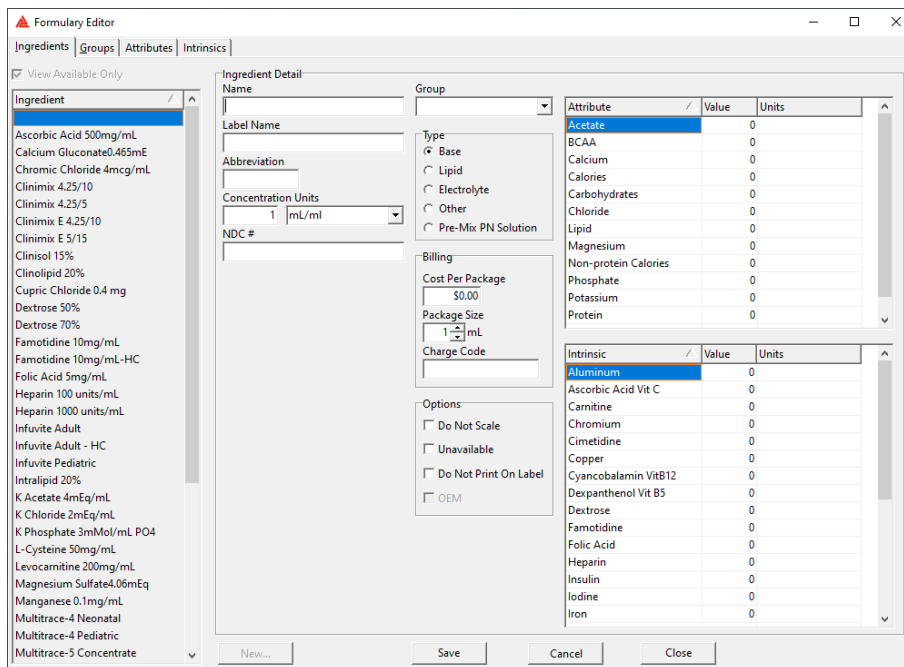
NOTE: The values in the chart in step 3 below can be utilized as applicable in any order entry system.

### Adding Dextrose 55% to the Abacus Formulary

1. Log into Abacus as an administrator
2. From the main screen, navigate to File>Formulary



3. At the bottom of the screen select the “New...” button. This will present the user with the ingredient detail screen with all the fields empty.



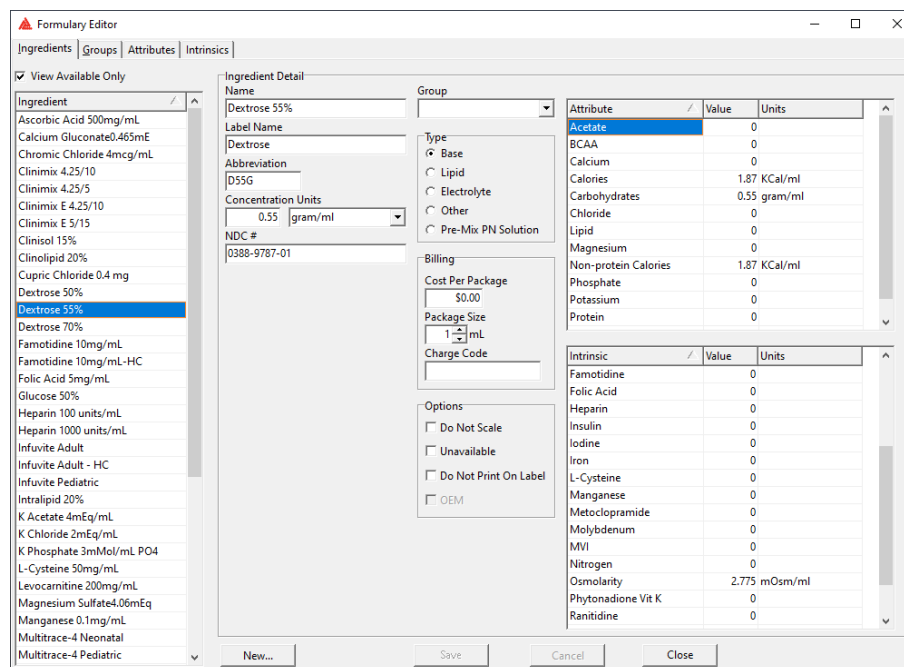
## Adding Dextrose 55% to ExactaMix and Abacus

4. Enter the value below in the following fields in the Ingredient Detail:

Field Name:	Value:
Name	Dextrose 55%
Label Name	Dextrose
Abbreviation	Dex55G
Concentration Units	0.55 gram/ml
NDC	0338-9787-01
Group	-Leave blank-
Type	Base
Billing	-Can be left blank if not being utilized-
Options	-Do not check any boxes-
<b>In Attributes Section</b>	
Calories	Automatically calculated
Carbohydrates	0.55 gram/ml
Non-protein Calories	Automatically calculated
All other fields	0
<b>In Intrinsic Section</b>	
Osmolarity	2.775 mOsm/ml
All other fields	0

5. Select the “Save” button

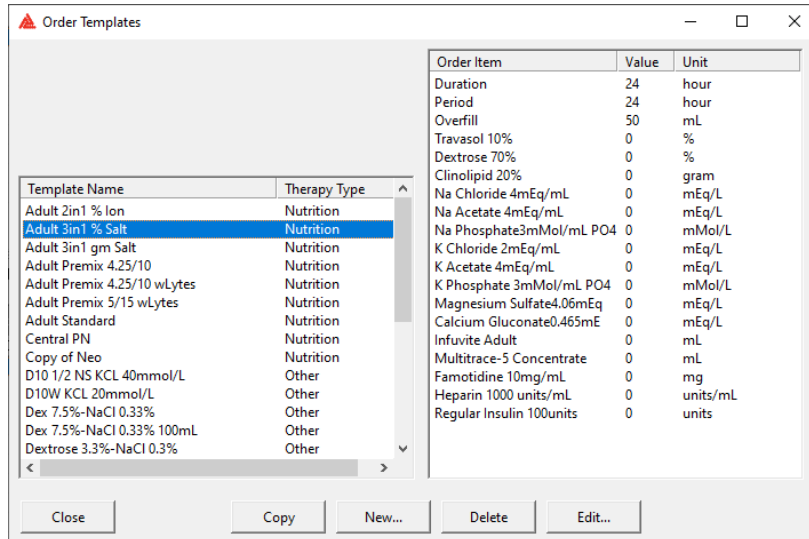
6. When finished, the screen should look like this:



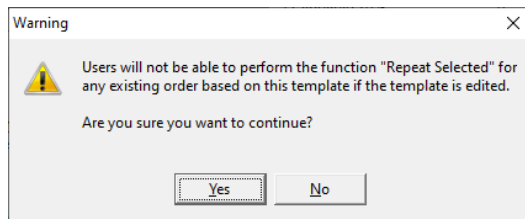
# Adding Dextrose 55% to ExactaMix and Abacus

## Adding the new Dextrose 55% ingredient to a template in Abacus

1. From the main screen, navigate to File>Templates
2. Select the template that requires modification from Dextrose 70% to Dextrose 55% and select the "Edit" button.

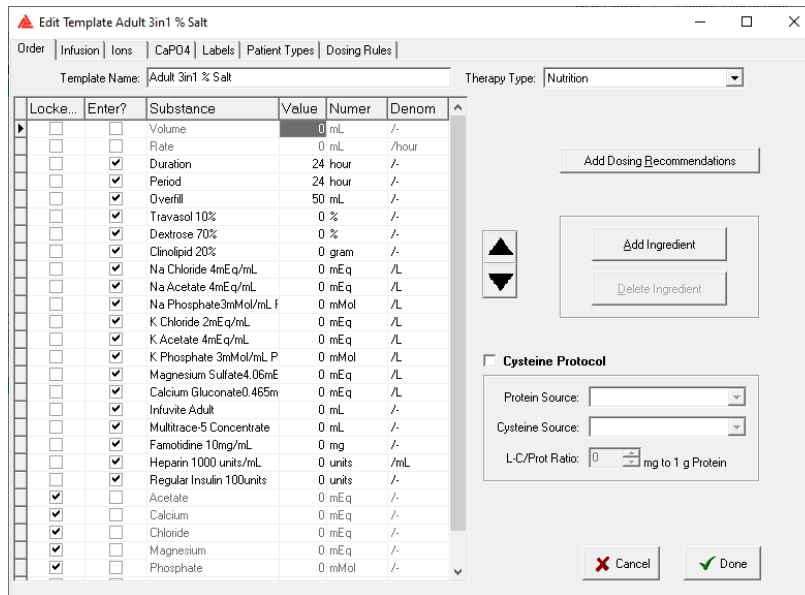


3. Note that when a template that has orders attached to it is modified, the "Repeat Selected" function will not be able to be used for any orders that utilize that template the next time an order is placed. However, after the order is re-entered, the "Repeat Selected" function will work again as usual. Select "Yes" to continue.

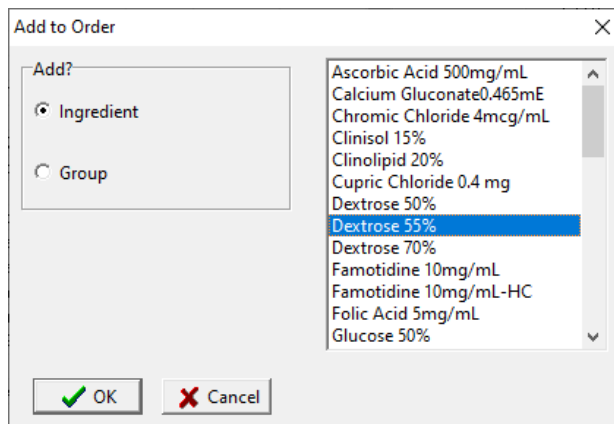


## Adding Dextrose 55% to ExactaMix and Abacus

4. Locate the “Add Ingredient” button on the right side of the Edit Template screen and select it.



5. In the “Add to Order” screen highlight the Dextrose 55% ingredient and select the OK button. The Dextrose 55% ingredient will be placed at the bottom of the order area of the Edit Template screen.



6. Highlight the Dextrose 55% and use the black arrows to the right of the order area to move the Dextrose 55% directly under the Dextrose 70%.



## Adding Dextrose 55% to ExactaMix and Abacus

- Update the Denominator (Denom) and then the Numerator (Numer) units of the Dextrose 55% to match the units used by Dextrose 70%.

Locke...	Enter?	Substance	Value	Numer	Denom
<input type="checkbox"/>	<input type="checkbox"/>	Volume	0 mL	/-	
<input type="checkbox"/>	<input type="checkbox"/>	Rate	0 mL	/hour	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Duration	24 hour	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Period	24 hour	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Overfill	50 mL	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Travasol 10%	0 %	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dextrose 70%	0 %	/-	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Dextrose 55%	0 %	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Clinolipid 20%	0 gram	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Na Chloride 4mEq/mL	0 mEq	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Na Acetate 4mEq/mL	0 mEq	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Na Phosphate3mMol/mL f	0 mMol	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K Chloride 2mEq/mL	0 mEq	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K Acetate 4mEq/mL	0 mEq	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K Phosphate 3mMol/mL P	0 mMol	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Magnesium Sulfate4.06mE	0 mEq	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Calcium Gluconate0.465m	0 mEq	/L	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Infuvite Adult	0 mL	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Multitrace-5 Concentrate	0 mL	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Famotidine 10mg/mL	0 mg	/-	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Heparin 1000 units/mL	0 units	/mL	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Regular Insulin 100units	0 units	/-	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Acetate	0 mEq	/-	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Calcium	0 mEq	/-	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chloride	0 mEq	/-	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Magnesium	0 mEq	/-	

- If applicable, modify the Dextrose 55% value to match the Dextrose 70% value in the value column.
- Highlight the Dextrose 70% in the substance column and select the “Delete Ingredient” button on the right side of the screen.
- At the confirm message select the “OK” button.
- Select the “Done” button.
- Repeat steps 2-10 for each template that requires modification.
- When all applicable templates have been modified, select the “Close” button to leave the Order Templates screen.