Adding Glucose 50% to ExactaMix and Abacus

ExactaMix and ExactaMix Pro Compounding Systems

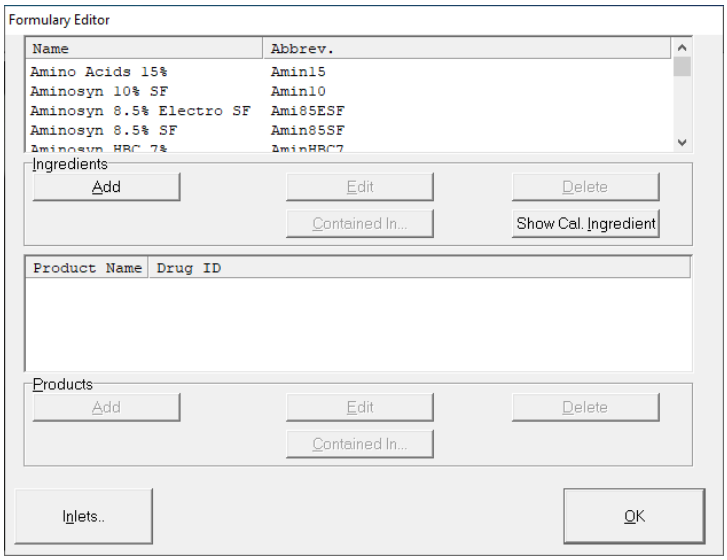
To enter flow factors, you will need to be logged in as the OEM user. Before starting this process, please contact Baxter Tech Support (1-800-678-2292) for the 1-day OEM password.

NOTE: The imported product does not have a barcode printed on the container. Upon completion of these instructions, product barcode labels can be printed through the ExactaMix software.

Adding Glucose 50% 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 “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 “Formulary Editor”.
5. In the formulary editor, in the top half of the screen in the Ingredients section select the “Add” button.

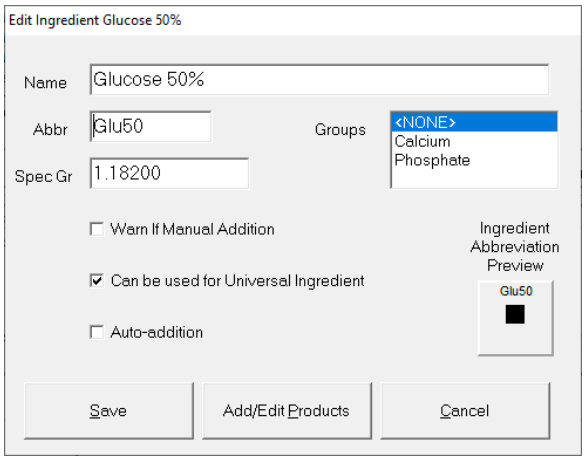


Ingredient section

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

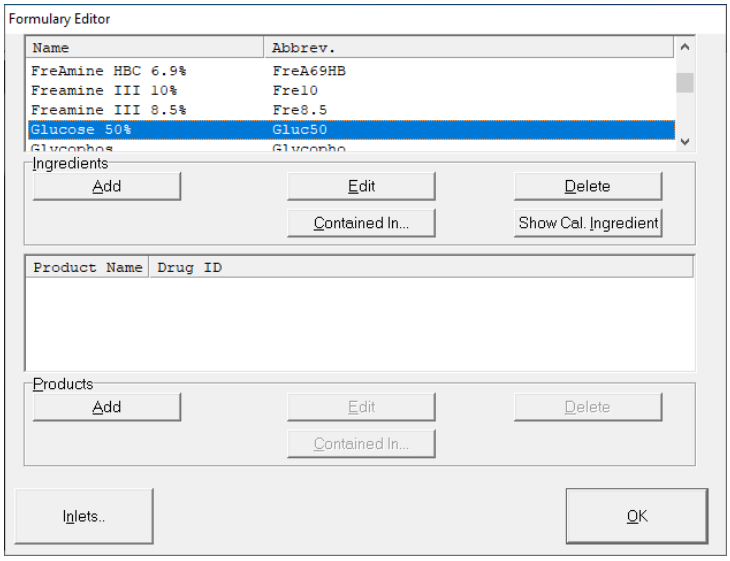
Field Name:	Value:
Name	Glucose 50%
Abbreviation	Glu50
Spec Gr	1.182
Warn if Manual Addition	Unchecked
Can be used for Universal Ingredient	Checked
Auto-Addition	Unchecked
Groups	<NONE>
(if EM Pro) Available	Checked

7. Screen should look like this:



8. Select the “Save” button.

9. In the upper section of the Formulary Editor screen ensure that the Glucose 50% ingredient is highlighted.



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

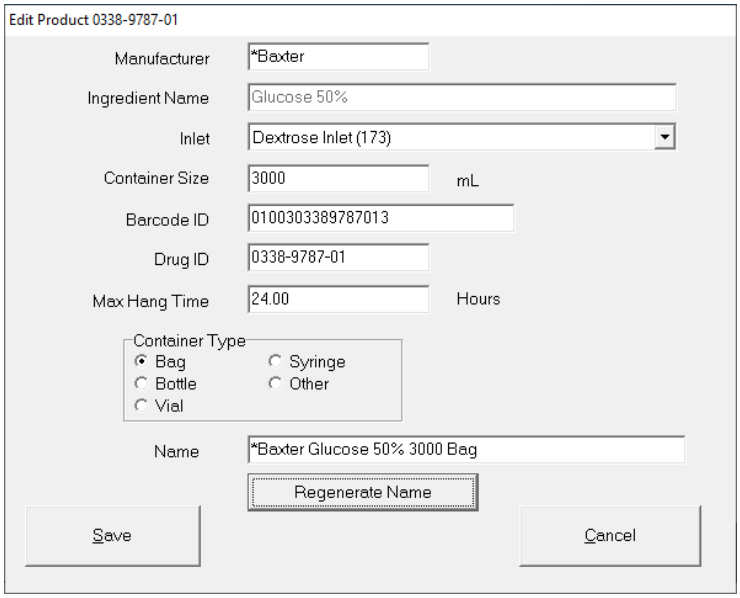
11. In the Add Product screen enter the following values:

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.

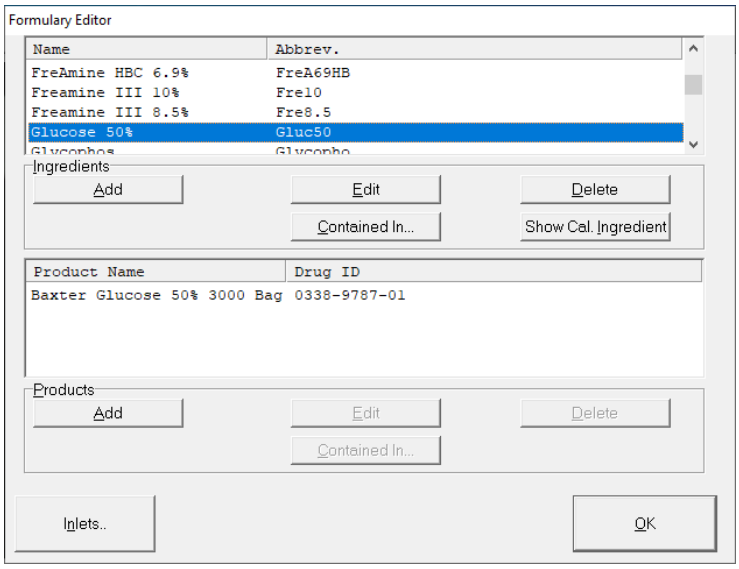
Field Name:	Value:
Manufacturer	*Baxter
Ingredient Name	Auto-populated
Inlet	Dextrose Inlet (173)
Container Size	3000
Barcode ID	0100303389787013
Drug ID	0338-9787-01
Max Hang Time	24 (or facility protocol)
Container Type	Bag

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



13. Select the “Save” button.

14. The Formulary Editor screen should now have the Glucose 50% ingredient and product:



15. Select the “OK” button.

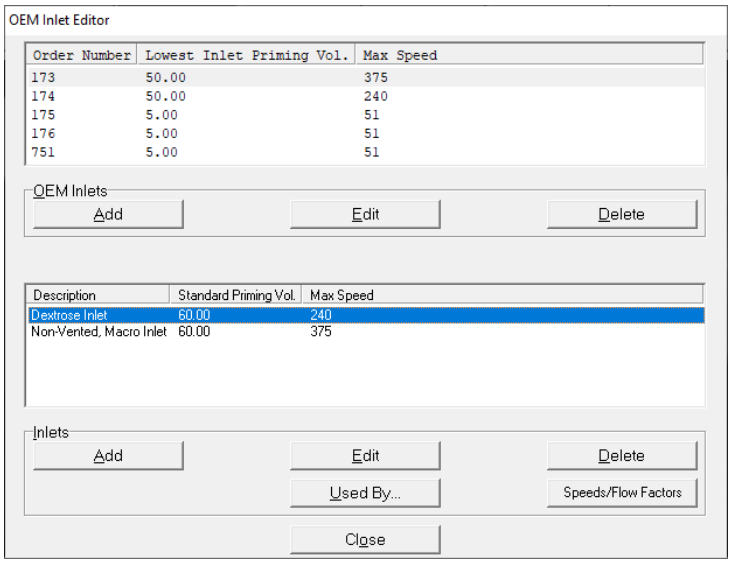
Adding Flow Factors for Glucose 50%

***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.

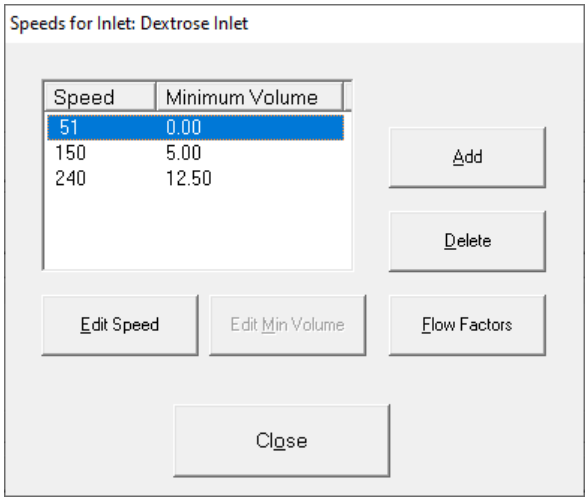
1. Log in as the OEM user.
2. If the “Compounder not ready for operation” message appears, select “No”.
3. On the pump screen select the “Menu” button.
4. On the menu screen select “Edit” then “Inlet Editor”.
5. In the upper section of the OEM Inlet Editor screen, highlight the 173 inlet.

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

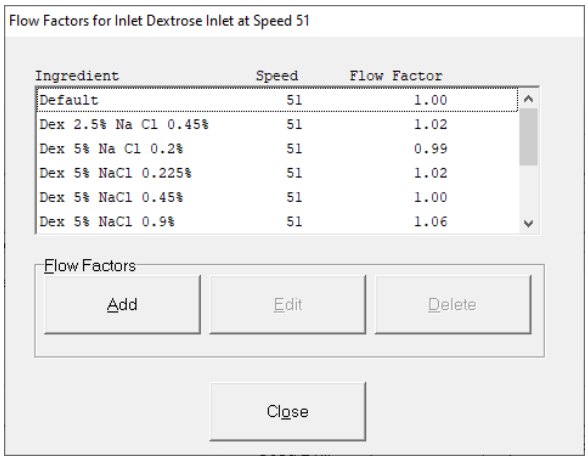


7. In the Inlets section towards the bottom of the screen select the “Speeds/Flow Factors” button.

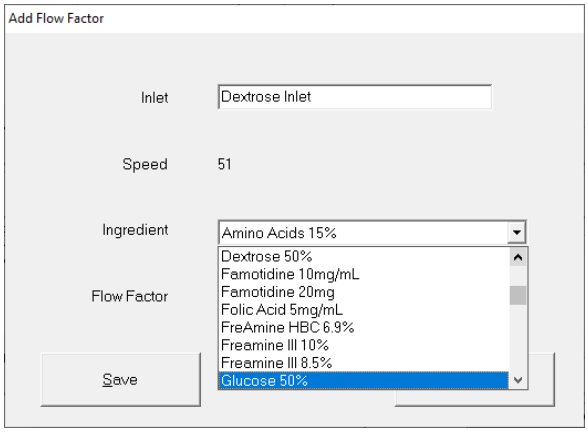
8. In the Speeds for Inlet: Dextrose Inlet screen highlight speed 51 and select the “Flow Factors” button.



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

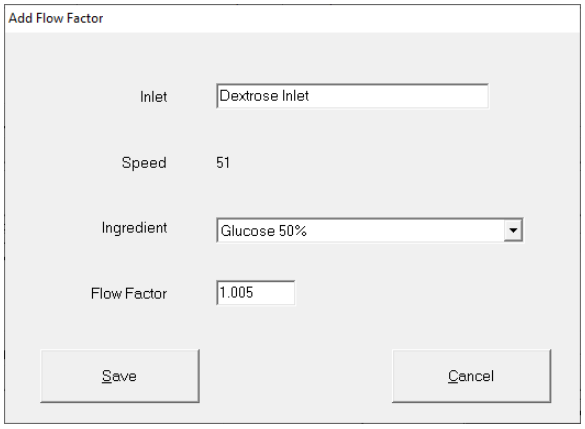


10. Use the dropdown menu next to the Ingredient field to select the Glucose 50% ingredient.



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

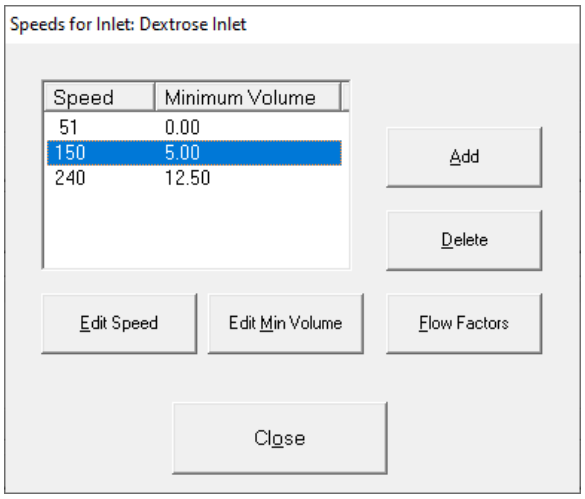
    11.1. For the EM1200 the value for speed 51 is 1.032



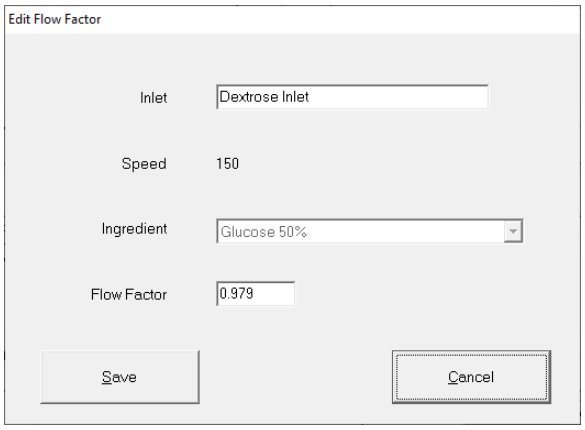
12. Select the “Save” button.

13. Select the “Close” button.

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

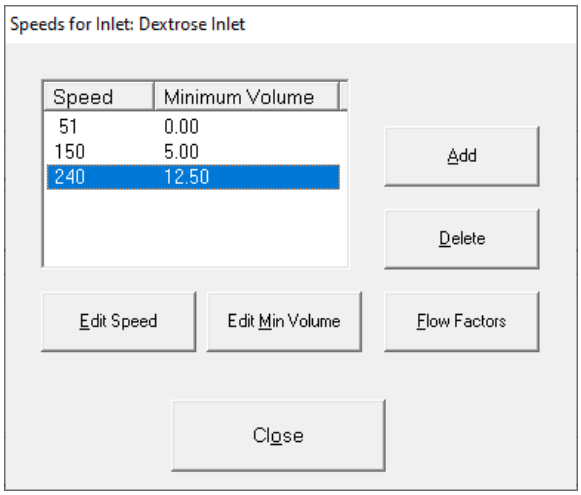


15. In the Flow Factors for Inlet Dextrose Inlet at Speed 150 screen select the “Add” button.
16. Use the dropdown menu next to the Ingredient field to select the Glucose 50% ingredient.
17. For the EM2400: in the Flow Factor field enter **0.979**
    17.1. For the EM1200 the value for speed 150 is 0.987

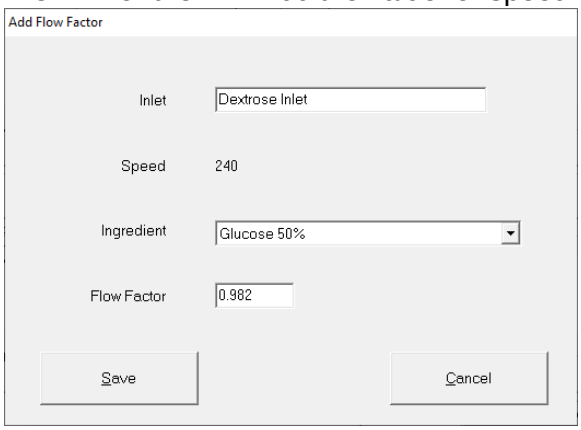


18. Select the “Save” button.
19. Select the “Close” button.

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



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 Glucose 50% 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



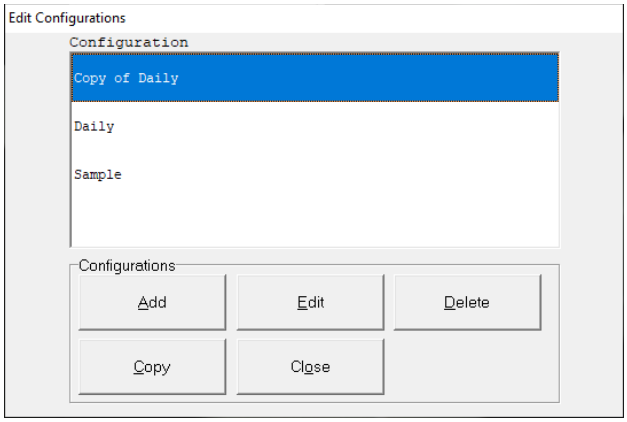
24. Select the “Save” button.
25. Select the “Close” button.
26. Select the “Close” button on the Speeds for Inlet: Dextrose Inlet screen.
27. Select the “Close” button on the OEM Inlet Editor screen.
28. Log out as OEM.

Adding Glucose 50% to ExactaMix and Abacus

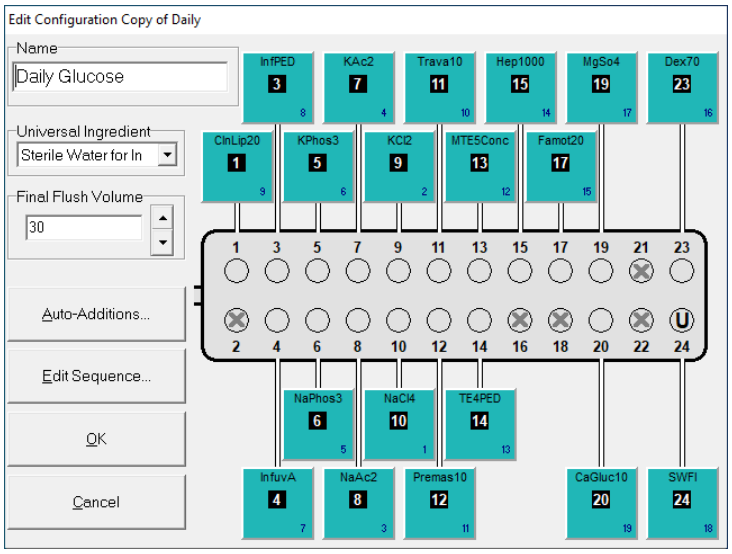
Adding Glucose 50% to a Configuration

NOTE: For ease of returning to the Dextrose 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 Glucose.

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.

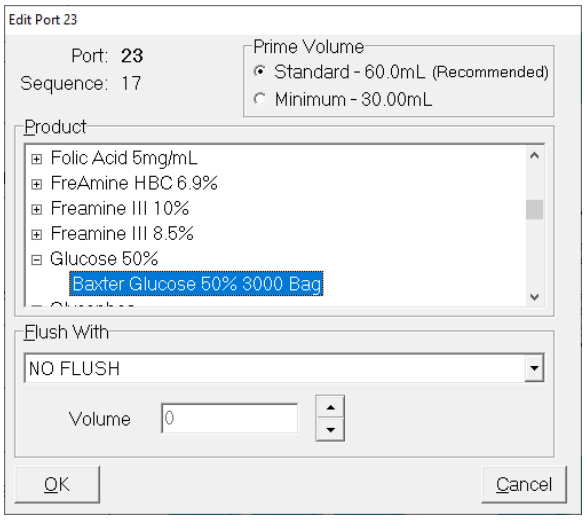


9. In the upper left-hand corner of the screen, change the name to reflect the new configuration. (In the example below, we added Glucose to the name).



10. Select the Dextrose ingredient. The edit port screen will open with the Dextrose product highlighted.

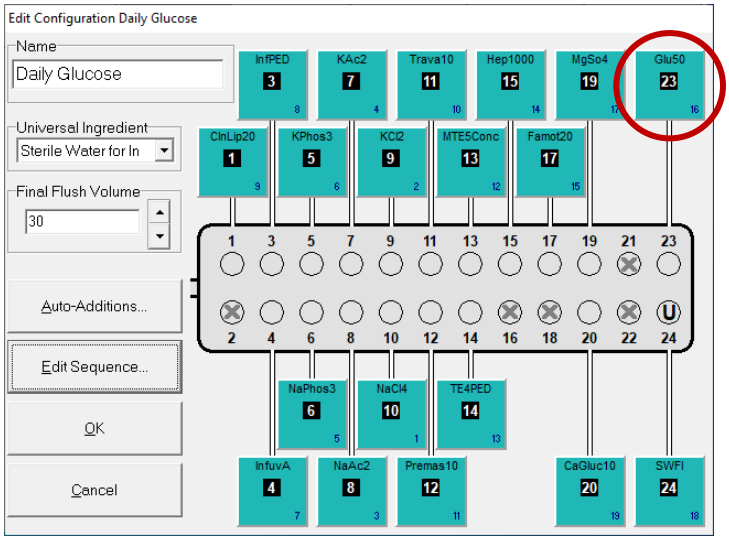
11. Scroll down the products and select the Glucose 50% product.



12. Select the “OK” button.

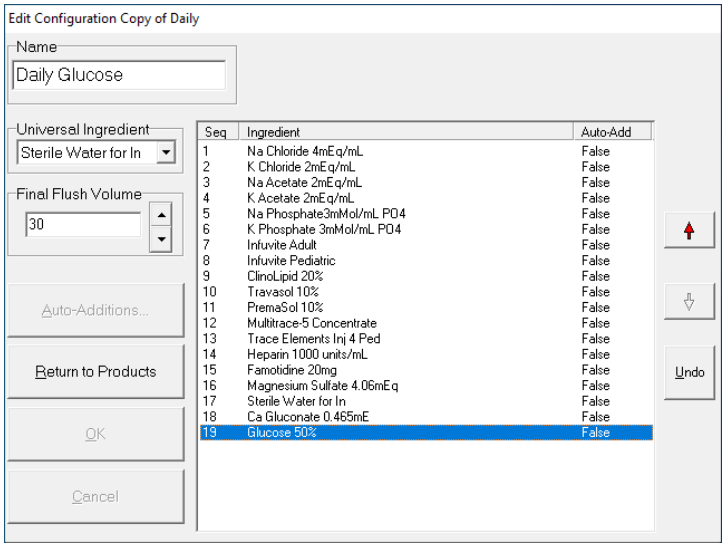
    This will bring you back to the Edit Configuration screen and the Dextrose 70% will have been replaced with Glucose 50%.

Adding Glucose 50% to ExactaMix and Abacus

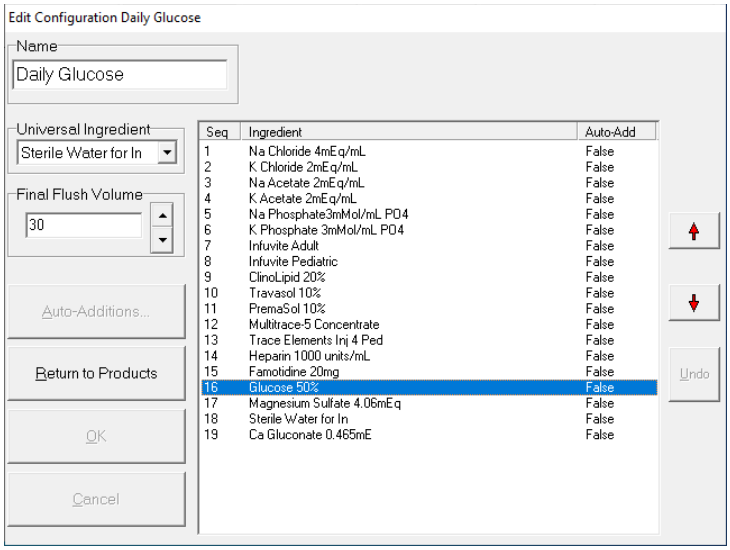


13. Select the “Edit Sequence” button on the left side of the screen.

14. Locate the Glucose ingredient and highlight it.



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



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

The ExactaMix 2400 compounder is now ready to be setup and used with the new configuration containing Glucose 50%.

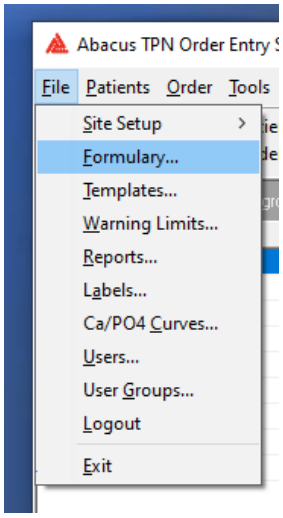
Adding Glucose 50% to ExactaMix and Abacus

Abacus Order Entry and Calculation Software

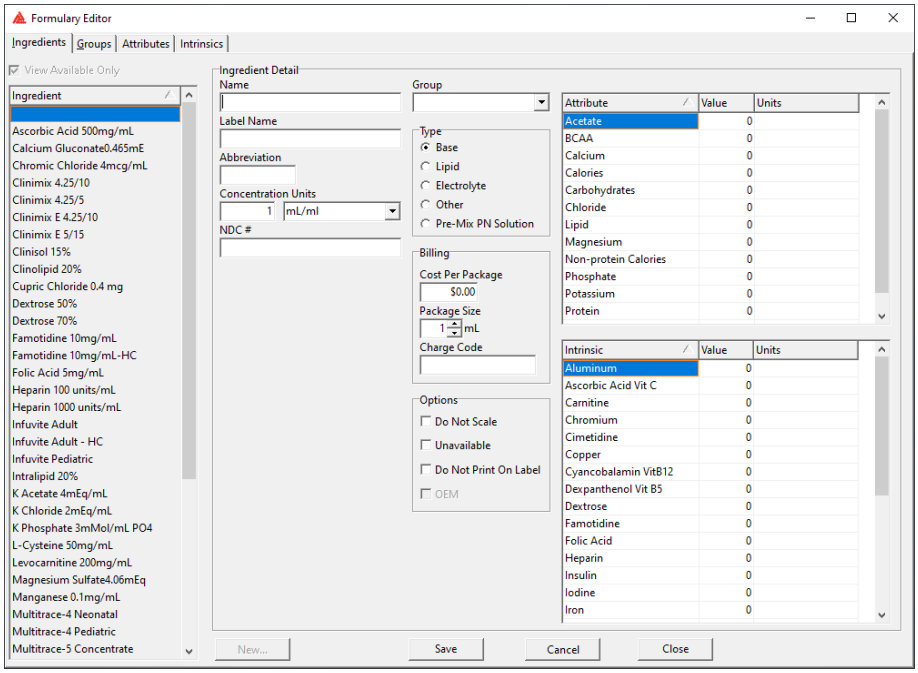
NOTE: The values in the chart in step 3 below can be utilized as applicable in any order entry system.

Adding Glucose 50% 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.



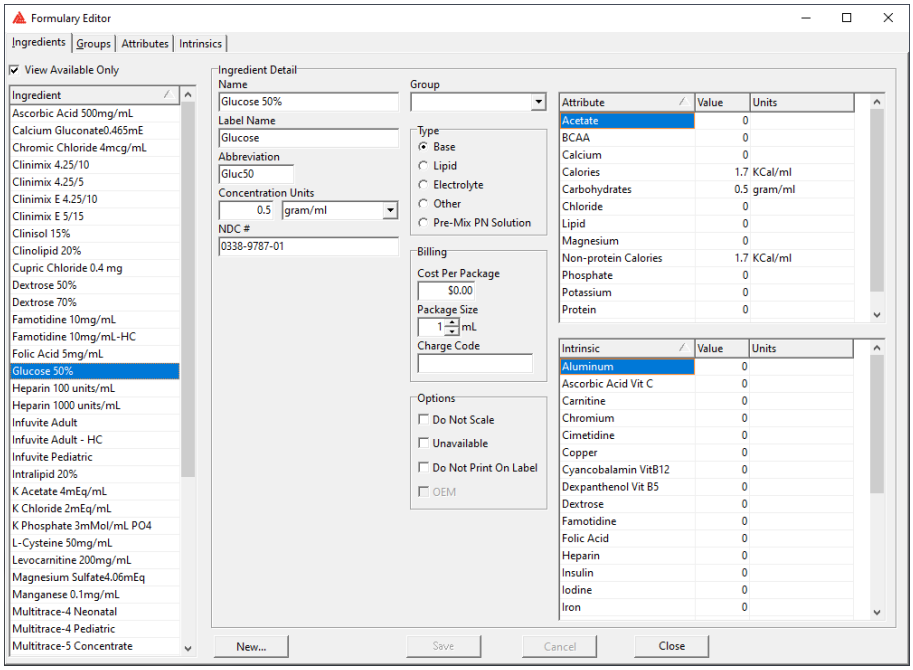
Adding Glucose 50% to ExactaMix and Abacus

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

Field Name:	Value:
Name	Glucose 50%
Label Name	Glucose
Abbreviation	Gluc50
Concentration Units	0.5 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-
In Attributes Section	
Calories	Automatically calculated
Carbohydrates	0.5 gram/ml
Non-protein Calories	Automatically calculated
All other fields	0
Kcal to gram conversion for caloric values are automatically calculated by Abacus and need to be set for either Dextrose or Glucose. If the caloric values from carbohydrates are needed for Glucose, please reach out to Baxter Tech Support for assistance in changing the conversion value.	
In Intrinsic Section	
Osmolarity	2.775 mOsm/ml
All other fields	0
Optional: Can add an Intrinsic field for Glucose with a value of 0.5 gram/ml Please contact Baxter Tech Support for assistance adding an Intrinsic.	

5. Select the “Save” button

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

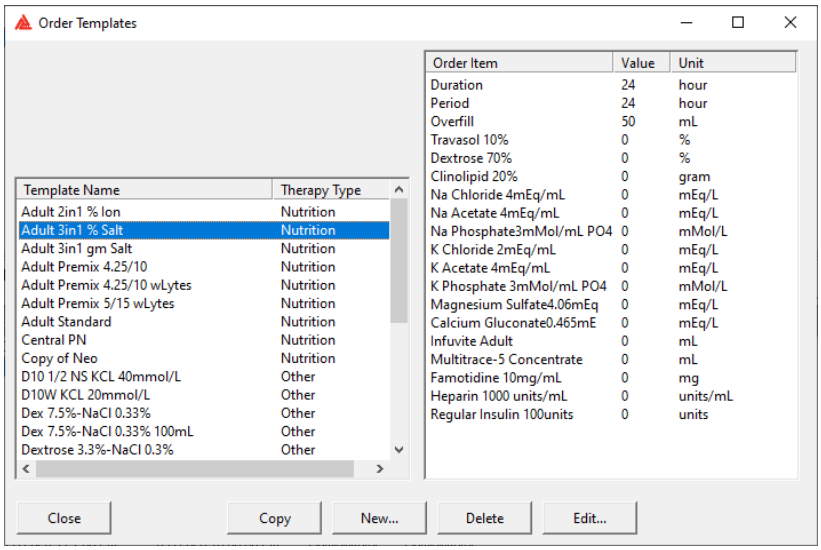


Adding Glucose 50% to ExactaMix and Abacus

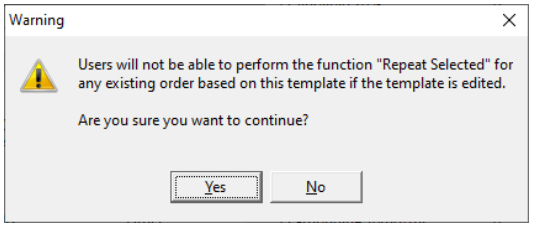
Note that the attributes for calories and non-protein calories for Glucose are incorrect. If these are needed for reporting purposes, please contact Baxter Tech Support to update the KCal to Gram conversion value. Once this is done, the Dextrose values will be inaccurate.

Adding the new Glucose ingredient to a template in Abacus

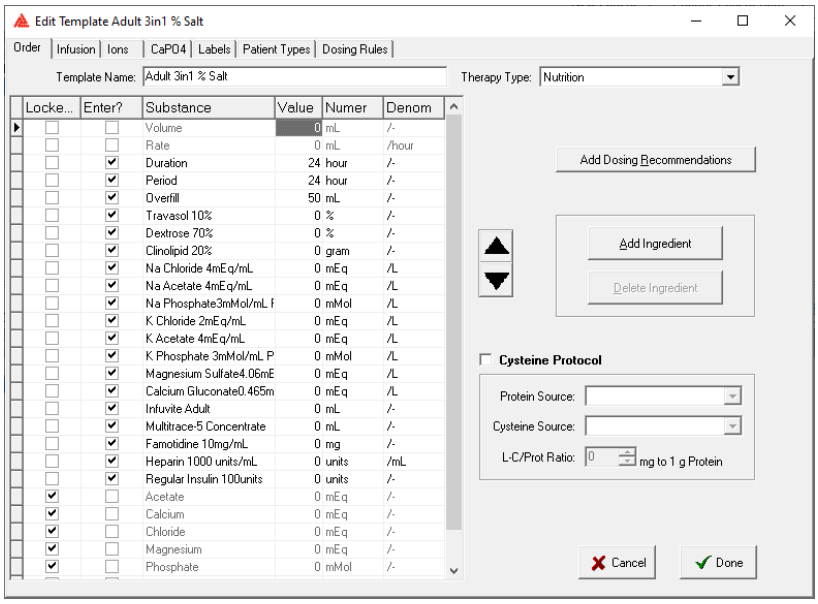
1. From the main screen, navigate to File>Templates
2. Select the template that requires modification from Dextrose to Glucose and select the “Edit” button.



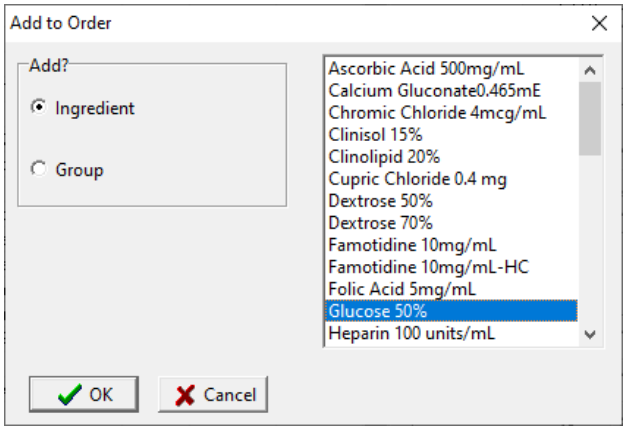
3. Note that when a template that has orders attached to it is modified, the “Repeat Selected" function will not be able to be used for any orders that utilize that template the next time an order is placed. However, after the order is re-entered, the “Repeat Selected" function will work again as usual.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



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

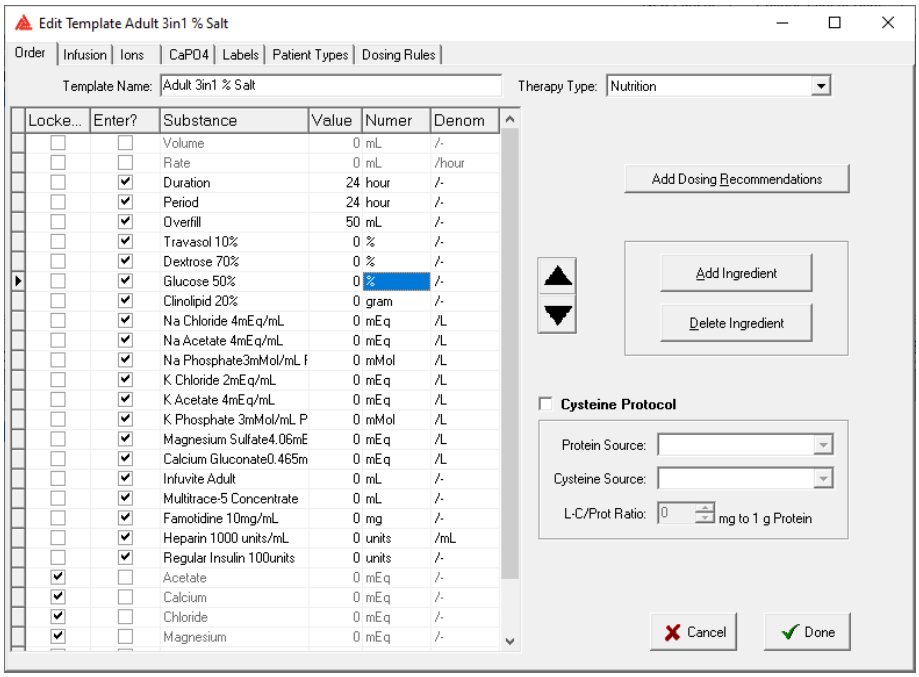


5. In the “Add to Order” screen highlight the Glucose ingredient and select the OK button. The Glucose ingredient will be placed at the bottom of the order area of the Edit Template screen.



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

7. Update the Denominator (Denom) and then the Numerator (Numer) units of the Glucose to match the units used by Dextrose.



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

US-CN8-240021 v2.0 10/2024