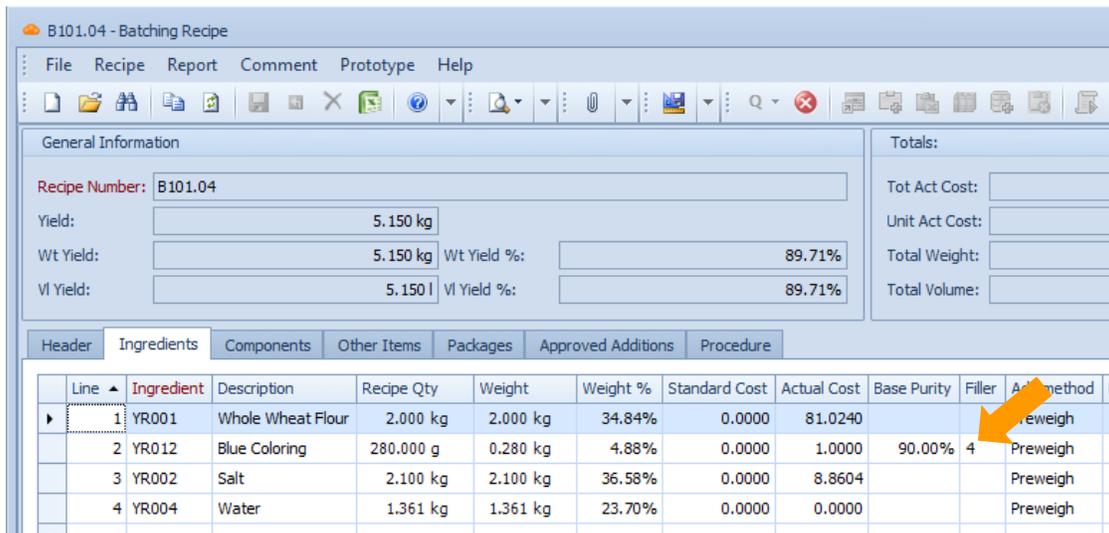


# Purity Adjustments

## Specifying Purity Adjustment on a recipe

On the Batching Recipe, select the ingredient that you want to do a purity adjustment on (in this case, it is YR012, Blue Coloring).

Set the Base Purity for the ingredient and specify its filler ingredient by indicating the Line number as the Filler



Line	Ingredient	Description	Recipe Qty	Weight	Weight %	Standard Cost	Actual Cost	Base Purity	Filler	Add method	P
1	YR001	Whole Wheat Flour	2.000 kg	2.000 kg	34.84%	0.0000	81.0240			Preweigh	
2	YR012	Blue Coloring	280.000 g	0.280 kg	4.88%	0.0000	1.0000	90.00%	4	Preweigh	
3	YR002	Salt	2.100 kg	2.100 kg	36.58%	0.0000	8.8604			Preweigh	
4	YR004	Water	1.361 kg	1.361 kg	23.70%	0.0000	0.0000			Preweigh	

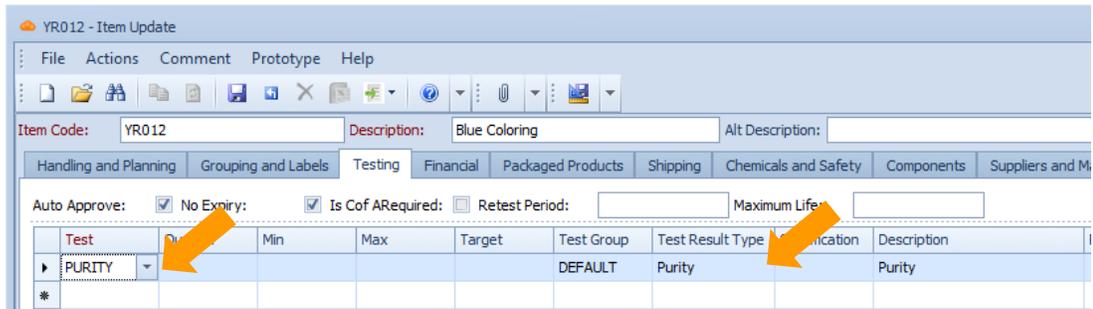
Note:

- Add Method must be 'Preweigh' or 'WeighAndAdd' for Active and Filler ingredients.
- In case of Preweigh, the Active ingredient must be weighed before the Filler ingredient.
- In case of WeighAndAdd, the Active ingredient must take place before the Filler ingredient in the procedure

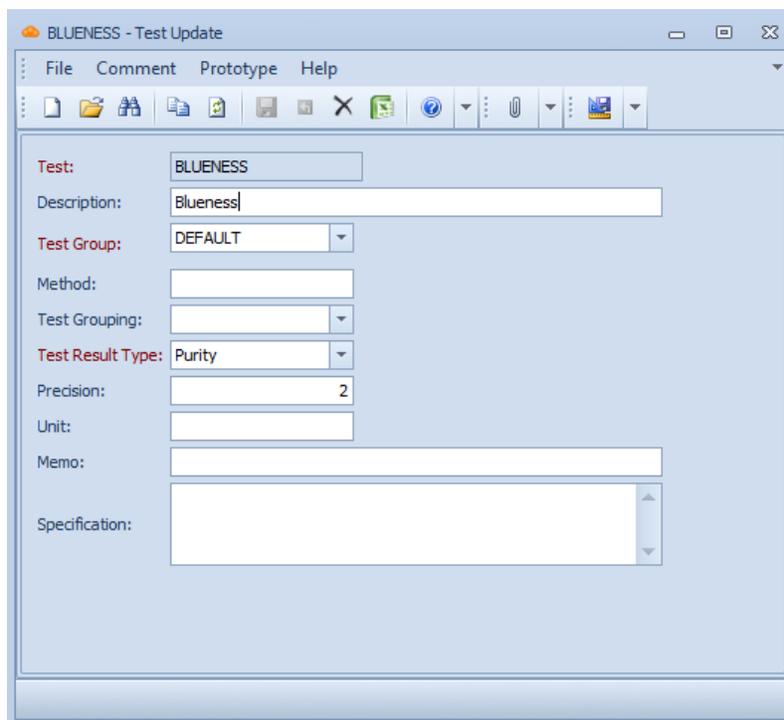
## Setting the purity test on an Item

For the Active ingredient, go to the Testing tab on the Item Update form. Here you can:

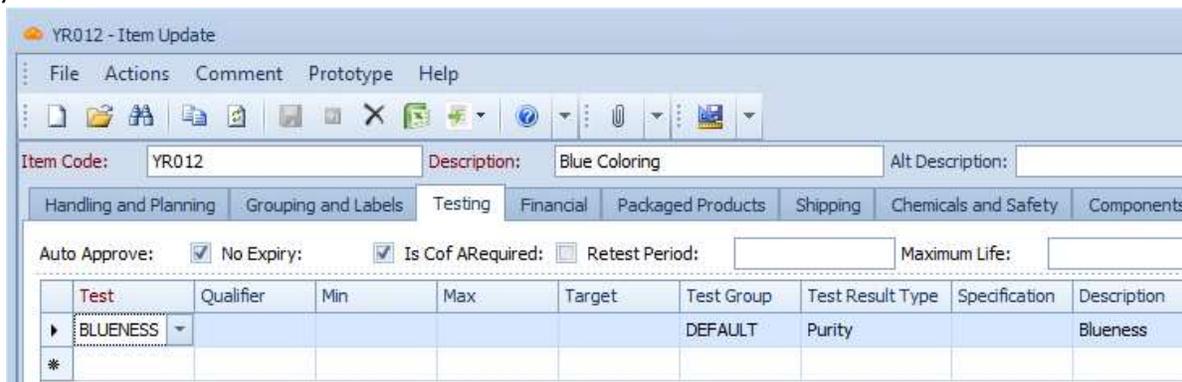
- Set the predefined test with the Test Result Type of 'Purity' by selecting the test from the drop-down list



- Create a new test by right-clicking the field under the Test column and selecting 'Test Update'

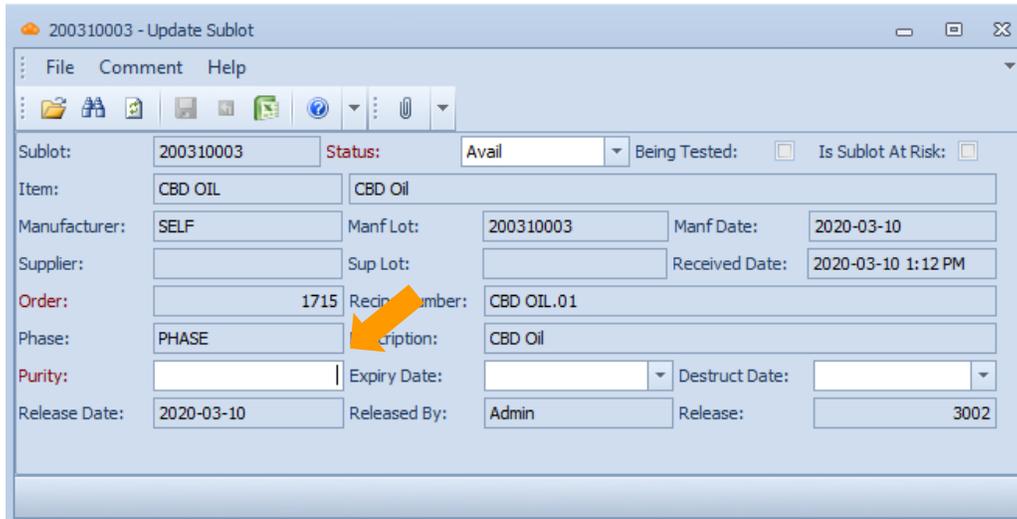


After the test has been set for an Item, it will automatically prompt you to test for purity every time you receive the Item.

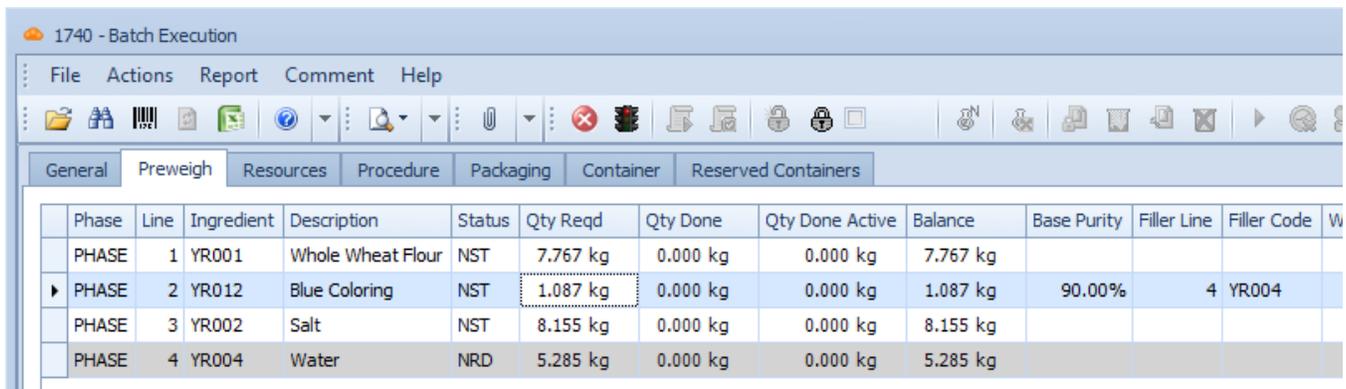


## Updating the purity of the subplot

You can modify or specify the purity of the subplot by right-clicking the subplot code and selecting Update Subplot from the context menu.



## Weighing the ingredients with purity adjustment



Phase	Line	Ingredient	Description	Status	Qty Req'd	Qty Done	Qty Done Active	Balance	Base Purity	Filler Line	Filler Code
PHASE	1	YR001	Whole Wheat Flour	NST	7.767 kg	0.000 kg	0.000 kg	7.767 kg			
▶ PHASE	2	YR012	Blue Coloring	NST	1.087 kg	0.000 kg	0.000 kg	1.087 kg	90.00%	4	YR004
PHASE	3	YR002	Salt	NST	8.155 kg	0.000 kg	0.000 kg	8.155 kg			
PHASE	4	YR004	Water	NRD	5.285 kg	0.000 kg	0.000 kg	5.285 kg			

We have indicated the blue coloring requires a purity adjustment, and the water is the filler ingredient. Its status is NRD (not ready), as it is unknown how much water will be needed. It will not permit us to begin weighing it until after the blue coloring is weighed. And it will inform us how much blue coloring and water to use based on the purity of the container with the blue coloring. In the example above, you see that 1.087 kg of the blue coloring is required (theoretically) based upon its base purity of 90%.

First, scan a container with the listed ingredient (blue coloring). You will be taken to the weighing screen. Scan the scale that you wish to use to weigh the item and begin dispensing.

On the form it shows that you have to weigh 1.09 kg (Qty Required). However, as the purity of the scanned container is 92%, the adjusted balance is 1.06 kg. So, in order to achieve the equivalent of a 90% pure 1.09 kg, you would have to weigh out a 92% pure 1.06 kg.

Preweigh

Phase:	PHASE	Src.Container:	C0000D7
Line:	2	Filler Code:	YR004
Ingredient:	YR012	Description:	Blue Coloring
Manufacturer:		Manf Name:	
TradeName:			
PPE Description:	Goggles	Control Measure:	
Health:	0	Reactivity:	0
Status:	NST	Unit:	kg
Qty Reqd:	1.087 kg	Qty Reqd:	1.09 kg
Balance:	1.09 kg	Balance:	1.09 kg
Purity:	92.0%	Balance Adjusted:	1.06 kg

Select 'Finish' to dispense the material.

After the required amount has been dispensed, it shows that the first line for the blue coloring is completed and the second line for the water is started (STD). Less than 1.09 kg of the blue coloring was weighed, so more water is now required with the remaining amount of 5.305 kg, instead of 5.285 kg.

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File Actions Report Comment Help

General Preweigh Resources Procedure Packaging Container Reserved Containers

Phase	Line	Ingredient	Description	Status	Qty Reqd	Qty Done	Qty Done Active	Balance	Base Purity	Filler Line	Filler Code	Weigh Rule	Health	Flamm
PHASE	1	YR001	Whole Wheat Flour	NST	7.767 kg	0.000 kg	0.000 kg	7.767 kg					0	0
PHASE	2	YR012	Blue Coloring	CMP	1.087 kg	1.061 kg	1.085 kg	2.386 g	90.00%	4	YR004		0	0
PHASE	3	YR002	Salt	NST	8.155 kg	0.000 kg	0.000 kg	8.155 kg					0	0
PHASE	4	YR004	Water	STD	5.285 kg	0.000 kg	-23.587 g	5.308 kg					0	0

Added	Src Container	Trg Container	Item	Description	Qty	Qty Active	Tare	Lot	Location	Purity	Expi
	C0000D7	C0000D	YR012	Blue Coloring	1.061 kg	1.085 kg	453.592 g	19121...	BRECEIVE	92.0%	