



## PREPARATION

1. Before making your first batch, [click here](#) or view the Pectin resources on our website to watch our Pectin video series.
2. Use the formula calculator to determine the exact weight of Melt-to-Make™ Pectin Part A, Part B and the additive you'll need to make a batch of gummies.
3. Print the batch formula.
4. Prepare supplies and utensils based on batch size. We recommend a batch size over 2 kg if you are planning to use a heated depositor.
5. Prepare enough molds for the batch.\*
6. Preheat your depositor hopper and nozzles to 220° F

### \*Preparing Your Molds

If you are planning on finishing the gummies with sanding sugar, you can give your molds a light spray with vegetable oil to help expedite the popping process. If you are planning on finishing your gummies with wax, you may choose not to spray your molds since the oil droplets will leave small indentations in the finished gummy.

## WEIGH OUT INGREDIENTS

1. Directly weigh Part A (Melt-to-Make™ Pectin Gummy Base) into a stock pot using a lab grade scale that has an accuracy of at least a 10th of a gram (0.0 g) If you are using a kettle you can use the reverse weigh method.\*\*
2. Shake Part B (50% Citric Acid Mixture) well and then weigh directly into a small receptacle.
3. Weigh out other ingredients, e.g. extracts into separate containers. If you are using our unflavored mix, you will also want to weigh out your flavor and color at this time.

### \*\*Reverse Weigh Method

The reverse way method is when you place your container on a scale and then tare the scale so it reads zero. You then slowly add the product and continue to check the scale reading until you reach the target weight in negative numbers.

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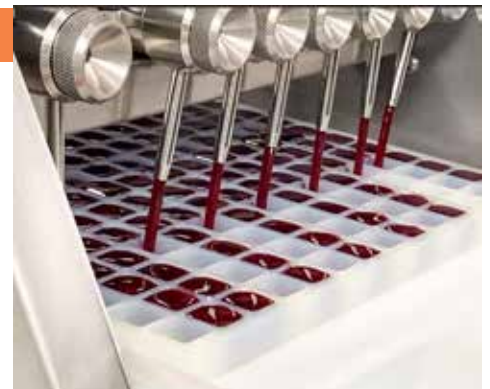


## MELTING & HOMOGENIZING

1. Measure the starting Brix of your Part A (Melt-to-Make™ Pectin Gummy Base). If it doesn't match the COA, you can recalibrate the Brix meter using the pectin mix as your standard.
2. Heat Part A on direct heat at a medium to high heat setting until the product reaches a slow boil, stirring occasionally to prevent the mixture from burning. If working with a batch size below 1 kg you may want to consider keeping the mixture covered while heating to prevent too much moisture loss.
3. Once the mixture reaches a Brix of 75-77, add your extracts and stir well with a whisk for a full 5 minutes. While you stir, continue heating the mixture and then test your Brix.
4. If the Brix level is between 78-80 move on to Step 6.
  - If the Brix reading is too low (below 78), continue to cook and test the Brix again in a few minutes. Repeat if necessary.
  - If the Brix reading is too high (above 80) add 1% water, stir and then test again. Repeat if necessary.
5. If using the Unflavored Melt-to-Make™ Pectin Gummy mix, add in colors and flavors and mix well. Check the Brix again to confirm it is still between 78-80.
6. Add in the Part B (50% Citric Acid Solution) in a slow stream while stirring vigorously. After 10 - 15 seconds of stirring, pour mixture into the depositor. If you're pouring just part of the batch, make sure to maintain the temperature of 185-203° F (85-95° C), and put a lid on the pot between pours to prevent evaporation which could result in gelling in the pot/kettle.

## DEPOSITING

1. If you are depositing your gummies, follow the depositing machines manufacturing instructions.
2. Let the gummies cure for 1-2 hours uncovered. If the gummies feel ready, you can pop them at this time, or you can continue to let them firm up. Pectn gummies will continue to get firmer for 24 hours. If you decide to let them sit longer, you may want to consider covering your gummies or flipping the molds onto the tray to prevent the exposed side of the gummies from drying out.



**POPPING & DRYING****SANDING SUGAR METHOD**

1. Fill bowl with Melt-to-Make™ Sanding Sugar.
2. If you did not cover your gummies and the tops have dried, you can rub them with water to make them sticky again.
3. Pop gummies and toss in the sanding sugar.
4. Spread sugared gummies onto a sheet pan in a single layer. Dry gummies in a drying room (35% RH) for 24-72 hrs until the desired consistency is reached. Final water activity should be
5. 0.60 - 0.63.  
To download our dry schedule recommendations [click here](#), or view our drying guide found on the resources section of our website.

**WAX METHOD**

1. Spray the top of each filled gummy mold with anti-stick spray. Also spray the inside of a metal bowl, be sure to cover all surfaces. Record the weight of the sprayed bowl or tare the bowl.
2. Pop gummies into the sprayed bowl.
3. Collect at least 1-2 kg of gummy in a bowl, record the weight of the gummies.
4. Add 0.15% (of the gummy weight) of the wax coating to the gummies. To calculate how much wax you need, [click here](#) or view the Downloadable Calculators found on the resources section of our website.
5. Toss the gummies for 5 minutes with your hand to coat gummies evenly with the wax or use a panning machine.
6. Spread the coated gummies onto a tray in a single layer.
7. Let gummies dry in your drying room (35% RH) for 24-72 hrs until the desired consistency is reached. Final water activity should be 0.60 - 0.63.
8. To download our dry schedule recommendations [click here](#), or view our drying guide found on the resources section of our website.



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