

Formulation Tips

- If you can't find an ingredient, substitute for another of similar properties.
- Always check the manufacturer instructions and percentage of use.
- The best way to formulate is using percentage of the ingredients, so you can manufacture in any amount. For example if you are going to make 30 ml of a serum, and you need 25% of Rose Water- the formula to find how much of rose water you need in ml is as follows:

$$\begin{array}{rcl} 30 \text{ ml} & - & 100\% \\ X & - & 25\% \text{ Rose Water} \end{array}$$

Multiply 25% by 30 ml and then divide into 100% = 7.5 ml of Rose Water

- When using essential oils, always, always check the dermal limits to use depending if your product is leave-on, or wash-off.
- Choose your ingredients from reliable manufacturers.
- Practice Good Manufacture Practice (GMP) when formulating. Here is the link of for United States FDA- GMP to review the guidelines. <https://www.fda.gov/cosmetics/cosmetics-guidance-documents/good-manufacturing-practice-gmp-guidelinesinspection-checklist-cosmetics>
- I recommend to take the course DIY Organic Skincare Products to learn about the making of emulsions, lotions, creams, balms, butters, toners, etc. and what percentage is needed of each ingredient depending on the product you are creating.