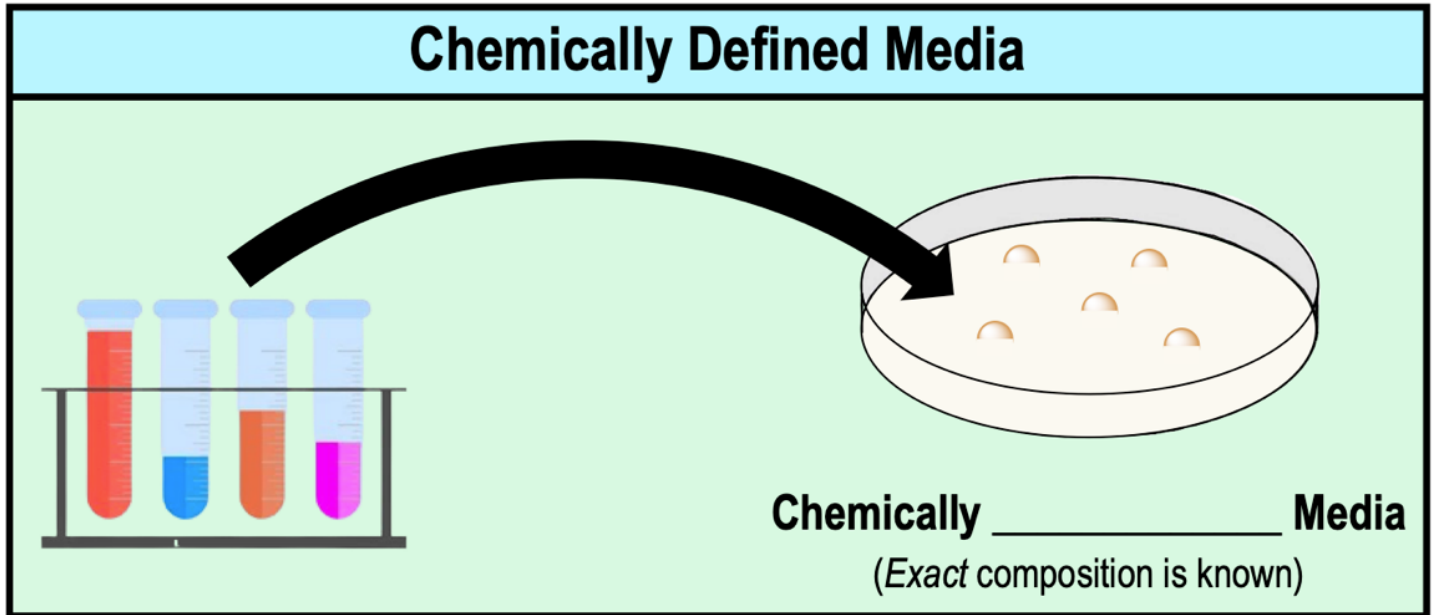


CONCEPT: CHEMICALLY DEFINED MEDIA

- **Chemically _____ Media:** have an _____ nutrient composition made of *pure* chemicals.
 - Used when a researcher wants to _____ the type & quantity of *nutrients* added to the media.



PRACTICE: What would be the benefits to using chemically defined media in an experiment?

- The exact composition of the media is known, there are no unknown variables in the growth medium.
- The exact composition of nutrients in the medium can be altered to fit the needs of a specific microbe species.
- There is no inconsistency between the batches of growth media used in the experiment. They are all the same.
- All of the above.