



**PhytoTech**  
**L A B S**

**Custom Services &  
Capabilities**



# PhytoTech Dedication to You

## Benefits of Custom Media

- Like our listed media, custom media has higher lot-to-lot consistency than making each batch from scratch.
- Media components are physio-chemically tested to meet desired expectations.
- Custom formulations can be biologically tested on live plant tissue to ensure viability.
- We can produce standing orders at your desired frequency (e.g., monthly or quarterly)

## Protecting Your Formulation

- PhytoTech Labs will sign a non-disclosure agreement with your company or institution prior to ever seeing your formulation.
- Signing a non-disclosure agreement is not a requirement or commitment to ordering from us.
- A sales rep and a technical rep will work with you while getting your media quote.
- Private labeling is available on request.



# Dry Powder Media Formulations

## Batch Size & Manufacturing

- We're driven to produce media of the highest quality and go to great lengths to make certain that we're producing media that is consistent from lot-to-lot.
- Media components are physio-chemically tested to meet desired expectations.
- Custom formulations can be biologically tested on live plant tissue to ensure the absence of heavy metals or other phyto-toxic elements prior to release.
- Manufacturing lots can be up to 30,000 L (150 Kg) depending on formulation, with a minimum of 100 L (500g).

## Packaging, Labeling & Shipping

- Package sizes can be as small as 500mg and as large as 25Kg
- Units 1g to 9.5g in package size can be packaged in single-use foil bags.
- Custom labelling available at no additional charge (labels must be received prior to media manufacture).
- Large volume orders can be shipped by freight, or by your preferred shipping methods (handling fees may apply).
- Media can be manufactured to meet your annual needs in one shipment.



# Liquid Media Formulations

## Batch Size & Manufacturing

- We go to the same lengths to ensure quality as we do in our dry powder media.
- Batch sizes can be from 10L to 100L in a single lot.
- All liquid media are sterile filtered through a 0.2 micron filter, unless filtering is unnecessary.
- Sterility testing is available upon request, and takes 2-3 weeks to complete after manufacture.

## Packaging, Labeling & Shipping

- Package sizes can be as small as 500mg and as large as 25Kg
- Units 1g to 9.5g in package size can be packaged in single-use foil bags.
- Custom labelling available at no additional charge (labels must be received prior to media manufacture).
- Large volume orders can be shipped by freight, or by your preferred shipping methods (handling fees may apply).



# Additional Custom Services

## Buffers & Other Media

- We can custom manufacture most media used for mammalian and microbiology cell cultures as dry powders or liquid concentrates.
- Most buffers used in molecular research can be manufactured as dry powders, liquids, or liquid concentrates.
- Media for phycology and seed testing applications can also be manufactured as needed.

## Sterile Solutions

- Custom manufactured solutions of any available biochemical, including antibiotics, stains, and buffers can be manufactured upon request.

## Custom Media Tubes

- We can prepare your custom plant tissue culture media as pre-poured gels in culture test tubes. This service is very popular and must be scheduled in addition to the manufacture of custom media. We do not offer this service for microbiology or mammalian media.



# To Get a Custom Media Quote

## To Get a Quote:

- Email our technical department at [tech@phytotechlab.com](mailto:tech@phytotechlab.com).
- Be sure to include the following:
  - Your name and institution.
  - The type of media you're looking for Dry Powder, Liquid, or pre-poured gels.
  - The formulation if you don't require a non-disclosure agreement.
  - A request for our non-disclosure agreement if you need one.
  - The volume and package size you're interested in.
  - If we will need to do custom labelling for your order.

