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(54) Title: SUPPLEMENTED SERUM-FREE MEDIA INCLUDING UNHYDROLYZED PLANT PROTEIN FOR CULTURED MEAT PRODUCTION

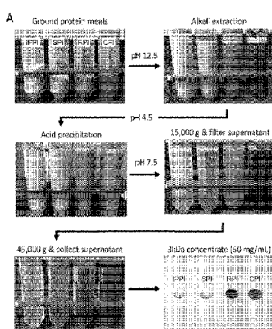


FIG. 1

(57) Abstract: A serum-free culture media for expansion of the number of cells is disclosed. The disclosed media can be for use in cultured food applications. The disclosed media can include a baseline serum-free and animal component-free culture media and a. plant protein composition. The plant protein composition can comprise unhydrolyzed plant proteins. The plant protein composition can comprise plant proteins that are 3 kDa in size or greater. The plant protein composition can be present in the serum-free cell culture media at a final concentration of 0.05 g/L to 1 g/L. The baseline media, in use, provides a baseline growth capability for expansion of the numbers of muscle satellite cells for use in cultured food applications. The disclosed media, in use, provides an improved growth capability for expansion of the number of muscle satellite cells. Methods of making and using the disclosed media, are also disclosed.

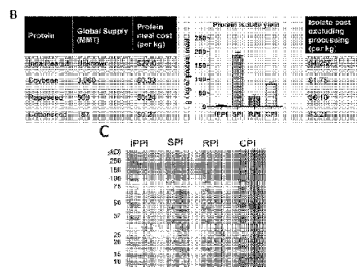


FIG. 1 (continued)

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