



Product Information Sheet

C195 Coconut Water

Properties

Form:	Liquid
Appearance:	Clear, Colorless to Slight Yellow Tint
Application:	Plant Media Supplement
Solubility:	Miscible with Water
Typical Working Concentration:	25 to 50 mL/L
Storage Temp:	2 to 6 °C
Other Notes:	Plant Tissue Culture Tested Sterile Filtered

Application Notes

Coconut water has been shown to stimulate shoot proliferation in many plant species. This is most likely due to its unique composition of nutrients and natural phytohormones (e.g. zeatin and kinetin) (Mamaril *et al.*, 1988). It is most commonly used in orchid tissue culture as a medium supplement. Introduced by Overbeek *et al.* in 1940, coconut water was used as a new component of nutrient medium for callus cultures (1941) and has since become a popular additive in tissue culture media.

PhytoTechnology Laboratories® also carries Coconut Powder, Product No. C187, and Freeze Dried Organic Coconut Powder, Product No. C1780.

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