

## **Knudson C Modified Plus Orchid Medium**

### **Properties**

|                                 |   |
|---------------------------------|---|
| Form:                           | Powder  |
| Appearance:                     | Dark Grey to Black Powder   |
| Application:                    | Plant Tissue Culture  |
| Solubility:                     | Water   |
| Typical Working Concentration:  | 79.11 g/L   |
| Storage Temp:                   | 2-6°  |
| Storage Temp of Stock Solution: | Preparation of concentrated solutions is not recommended as insoluble precipitates may form.  |
| Other Notes:                    | Proprietary Formulation<br>Contains Charcoal, Sucrose, Banana Powder and gelling agent.<br>The unadjusted pH of this medium typically ranges from 4.1 – 5.6. The pH should be checked and adjusted as desired during preparation. |

### **Application Notes**

Plant Tissue Culture Tested

Plant species: Miltonia, Cattleya, and Oncidium. For additional species see the Orchid Media Selection and Use Guide (<http://www.phytotechlab.com/pdf/OrchidMediaGuide.pdf>).

This is a complete orchid replant and seed sowing medium; adjust the pH as desired for the species to be grown on this medium.

### **References**

Knudson, L. 1946. Amer. Orchid Soc. Bull. 15: 214-217.