



Product Information Sheet

P640 **Potassium Iodide** **USP Grade**

Synonym: N/A
CAS: 7681-11-0
Formula: KI
Molecular Wt: 166.00 g/mol

Properties:

Form: Solid
Appearance: Colorless to white crystals, granules, or powder
Application: Plant Micronutrient
Solubility: Water
Typical Working
Concentration:
Storage Temp: Room Temperature
Other Notes: Plant Tissue Culture Tested

Application Notes:

Potassium iodide is a form of iodine that is added to plant tissue culture media. Iodine is not an essential micronutrient, but it is generally recognized as a micronutrient that aids growth (George *et al.* 2008).

Please Note: While *PhytoTechnology Laboratories®* tests each lot of this product with two or more plant cell/ tissue culture lines, it is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.

References:

George EF, Hall MA, and GJ De Klerk (2008) *Plant Propagation by Tissue Culture 3rd Edition*. Springer. The Netherlands
Merck **13**, 7727

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