



## Product Information Sheet

### A181 Agar, Plant TC Research Grade - Gelidium

Synonym: Agar-Agar, Gum Agar  
CAS: 9002-18-0

#### Properties

Form: Powder  
Appearance: Off-white to Cream Powder  
Application: Plant Tissue Culture Gelling Agent  
Solubility: Partially Soluble in Cold Water; Soluble in Boiling Water  
Typical Working Concentration: 6 to 12 grams per liter  
Storage Temp: Room Temperature  
Storage Temp of Stock Solution:  
Other Notes: Gel Strength: 700-1050 g/cm<sup>2</sup>  
Ash Content: <4.5%  
Plant Tissue Culture Tested

#### Application Notes

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

*Merck 13*, 184

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