



Life TechnologiesTM

Your Molecular & Cell Technology Partner

PhytoTechnology Laboratories®
Helping to Build a Better Tomorrow through Plant ScienceTM

Product Information Sheet

A1315 AGAROSE, LOW GELLING TEMPERATURE

Synonym: SeaPlaque®
CAS: 9012-36-6
Formula: $(C_{12}H_{14}O_5(OH)_4)_n$

Properties

Form: Powder
Appearance: White to Cream Powder
Application: Microbiology, Tissue Culture
Solubility: Soluble in Hot Water
Typical Working Concentration: Varies in application; should be determined by end user.
Storage Temp: Room Temperature
Storage Temp of Stock Solution: Not recommended
Other Notes: Plant Tissue Culture Tested
Gelling Temperature: 26 – 30°C
Gelling Strength (1% concentration): $\geq 200 \text{ g/cm}^2$

Application Notes

SeaPlaque® agarose has a low gelling temperature with high clarity.
It is ideal for DNA and RNA recovery as well as cloning of tissue culture cells and viral plaque assays.

References

India Contact

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