

Gelwell® (Equivalent to Phytigel™ or Gelrite)

Intended Use

Gelwell® is recommended for plant tissue culture work.

Summary and Principle

Gelwell® is a high molecular weight polysaccharide, produced as a fermentation product by a pure culture of the microbe *Sphingomonas elodea*. It is extremely effective at low levels and forms solid gels at concentrations as low as 0.1% along with addition of potassium, magnesium, calcium and sodium salts at certain concentrations.

Storage and Stability

Store dehydrated medium below 30°C in tightly closed container. Avoid freezing and overheating. Use before expiry date on the label. Once opened keep powdered medium closed to avoid hydration.

Note: TSE/BSE certificate is available on request.

Directions

Refer to the final concentration in the formula of the medium being prepared.

Quality Control

Test	Specification
Appearance	Free flowing cream coloured powder
Solubility	Completely soluble in boiling water
Clarity of 1% w/v aqueous solution after autoclaving at 15 psi / 15 min	Clear
pH of 1% w/v aqueous solution at 25°C after autoclaving at 15 psi / 15 min	6.0±1.0
Performance Test: Clarity of the Medium observed after autoclaving. When added to M.S. medium	Medium should be clear

Reference

1. Data on file: Microxpress®, A Division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No.	Product description	Pack Size
202070100500	Gelwell® (Equivalent to Phytigel™ or Gelrite)	500 g
202070102500	Gelwell® (Equivalent to Phytigel™ or Gelrite)	2.5 k
202070109925	Gelwell® (Equivalent to Phytigel™ or Gelrite)	25 k (Bag)
202070109825	Gelwell® (Equivalent to Phytigel™ or Gelrite)	25 k (Drum)

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.