



Product Specification

Product Name: Plant Agar
Cat #: P1001
CAS #: 9002-18-0
Storage: Store at room temperature. Keep dry.

Test	Specifications
Appearance	white to yellowish white, nearly odourless powder
Solubility	insoluble in cold water, soluble in boiling water
Gel strength	$\geq 1100\text{g/cm}^2$
Congeaing point	38-42°C
Ash content, total ash	$\leq 5\%$
Loss on drying	$\leq 20\%$
Acid-insoluble matter (ash)	$\leq 1.0\%$
Water absorption	≥ 5 times over weight
Arsenic (As)	$\leq 3\text{ppm}$
Lead (Pb)	$\leq 5\text{ppm}$
Mercury (Hg)	≤ 1
Cadmium (Cd)	≤ 1
Starch, gelatin and other proteine	absent
Microbiology: Total plate count Escherichia coli Salmonella	$\leq 5000\text{ufc/g}$ absent absent

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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