



# American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: [www.aicma.com](http://www.aicma.com) Email: [info@aicma.com](mailto:info@aicma.com)

## SPECIFICATION SHEET

### AGAR HIGH GEL STRENGTH BACTERIOLOGICAL GRADE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
AGHGUP	2006	9002-18-0	March 13, 2009	MVL	Original	KG

<b>CHARACTERISTICS:</b>	White to light cream powder
-------------------------	-----------------------------

<b>SPECIFICATIONS:</b>	Particle size	95% passes through 60 mesh sieve
	Moisture	12% max
	Gel strength (1.5%, Nikan)	800-1150 g/cm <sup>2</sup>
	Gel point (1.5%)	32-38°C
	Melting point (1.5%)	80-90°C
	pH in gel	6.6-7.4
	Turbidity (Hach, 1.5%)	6 NTU max
	Ash	4.5% max

<b>STOCKING POINTS:</b>	Framingham, MA
-------------------------	----------------

<b>PACKAGING:</b>	25 kg drum
-------------------	------------

<b>APPLICATIONS:</b>	Use in microbiological and tissue culture media
----------------------	---