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## Specification Sheet

### AGAR, BACTERIOLOGICAL

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
AGRAUP	5803	9002-18-0	May 23, 2011	MVL	Original	RVK

<b>CHARACTERISTICS:</b>	Cream to light cream powder
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<b>SPECIFICATIONS:</b>	Particle size	95% pass through 60 mesh ASTM
	Arsenic	Less than 3 ppm
	Lead	Less than 5 ppm
	Mercury	Less than 1 ppm
	Cadmium	Less than 1 ppm
	Total heavy metals	Less than 20 ppm
	Moisture	12% max
	Ash	4.5% max
	As a 1.5% Solution:	
	pH @ 20°C (Pre-autoclaving)	6.6-7.4
	pH @ 20°C (Post-autoclaving)	6.1-6.9
	Gel Strength @ 20°C (Pre-autoclaving)	600-850 g/cm <sup>2</sup>
	Gel Strength @ 20°C (Post-autoclaving)	600-850 g/cm <sup>2</sup>
	Absorbance @ 450nm (Pre-autoclaving)	0.200 max
	Absorbance @ 450nm (Post-autoclaving)	0.200 max
	Turbidity, NTU (Pre-autoclaving)	6.0 max
	Turbidity, NTU (Post-autoclaving)	6.0 max
Melting point (Post-autoclaving)	80-90°C	
Gel Point (Post-autoclaving)	30-40°C	

<b>PACKAGING:</b>	25kg drum
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<b>STOCKING POINT:</b>	Framingham, MA
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<b>APPLICATIONS:</b>	Culture media
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