



# NEW AMBITION CHEMICAL

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## TECHNICAL DATA SHEET

### Agar Agar (Gel Strength $\geq 900$ )

Item	Standard
Appearance	White to yellowish white, nearly odorless powder
Particle Size (pass through 100 Mesh)	95%
Solubility	Insoluble in cold water, soluble in boiling water
Loss on drying (%)	$\leq 12.0$
Congealing point (°C)	35 - 41
Viscosity (1.0%, 20 °C, mpa.s)	$\geq 300$
pH Value	6.0 - 8.0
ASH (calculated on Dry basis) (%)	$\leq 1.5$
Acid-insoluble ash (calculated on Dry basis) (%)	$\leq 0.5$
Insoluble matter (in hot water) (%)	$\leq 1.0$
Starch	not detectable



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Gelatin and other proteins	not detectable
Water absorption (times)	> 5
Gel Strength (1.5% sol., 15hrs)	≥ 900
Heavy metals (ppm)	< 20
Arsenic (ppm)	< 3
Lead (ppm)	< 5
Mercury (ppm)	< 1
Cadmium (ppm)	< 1
Total plate count (cfu/g)	< 10000
E.Coli	absent in 1g
Salmonella spp.	absent in 25g
Bacillus cereus (cfu/g)	< 100