



Specification

Agar, Granulated, High Gel Strength

CAS Number: 9002-18-0
Molecular Formula: N/A
Molecular Weight: N/A
Storage: 15-30°C

Test	Specification
Appearance:	White Cream Color, Average Particle Size Between 1-2 mm
Granulometry (ASTM) 60 Mesh Sieve Size:	Report %
Ash:	≤ 6.5 %
E.Coli:	Negative
Gel Point (1.5% Gel):	33 - 38 oC
Gel Strength (1.5% Gel):	600 - 1100 g/cm ²
Melting Point:	88 - 96 oC
Moisture:	≤ 15 %
Molds and Yeasts:	< 100 cfu/g
pH:	6.0 - 8.0
Total Plate Count:	< 1000 cfu/g
Viscosity (1.5 Solution @ 60 oC): cps	≤ 30 cps
Water Absorption:	≤ 75 cc

Approved:

John Grubb

Date: May 19, 2021



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Quality Products & Services Meeting Customer Needs
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