

Carrageenan (Fibrochem 300)

Item	Specification	Results
Appearance	White powder	White powder
Particle Size, (mesh)	90% min. thru 120 mesh	95.1
Moisture (%)	≤ 12	7.32
Total Ash Content, (%)	≤ 15	9.96
Viscosity (1.5% solution, 70°C, mpa.s)	≥ 5	26.2
Gel Strength, (g/cm ²)	≥ 500	523
Transparency, (T%)	≥ 80	95.8
pH	8-11	8.3
Arsenic content, (mg/kg)	≤ 2	0.019
Lead, (Pb, mg/kg)	≤ 2	0.654
Mercury, (mg/kg)	≤ 1	0.008
Cadmium, (mg/kg)	≤ 2	0.034
Total Plate Count, (cfu/g)	≤ 5000	400
Yeasts & Molds, (cfu/g)	≤ 300	< 100
Salmonella	Negative	Negative
Coliform Bacteria, (MPN/100g)	≤ 30	<3.0
Staphylococcus aureus Rosenbach	Negative	Negative
Shighella dysenteriae	Negative	Negative