

PRODUCT SPECIFICATION SHEET

Agar

NF/FCC Grade

Test	Specification	Typical Results
Loss On Drying	≤20%	9.56%
Botanic Characteristics	To Pass Test	Pass
Description	White Creamy powder	Pass
Gel Strength (1.5% soln.)	As Reported	850g/cm ²
Particle Size	As Reported	95% passes through #80 U.S. Std Screen
pH	As Reported	7.49
Gelling Point	33.8±0.5°C	Pass
Melting point	85.0±0.05°C	Pass
Water Absorption	≤75ml	Pass
Ash Content	≤6.5%	1.66%
Acid Insoluble Ash	≤0.5%	<0.5%
Arsenic as As	≤3ppm	Pass
Lead as Pb	≤10ppm	<1 ppm
Heavy Metals	≤40ppm	Pass
Foreign Starch	To Pass Test	Pass
Gelatin	To Pass Test	Pass
Organic Volatile Impurities	To Pass Test	Pass
Foreign Organic matter	≤6.5%	0.3%
Foreign Insoluble Matter	≤1.0%	0.2%
Total Plate Count	≤5000 cfu/g	4 x 10 colonies / gram
Coliforms	≤3cfu/g	Pass
Molds & Yeast	≤100cfu/g	Pass
E. Coli	Negative	Pass
Salmonella	Negative	Pass

Appropriate/legal use of this product is the responsibility of the user.