



Protanal® PH 6160 Sodium Alginate, NF

Product Specifications:

Chemical and Physical:

		<u>Test Methods</u>
Loss on Drying	7 - 15%	SOM 1
Viscosity, 1% solution	1000 - 1500 mPa•s	SOM 82Q
pH, 1.0%	6.4 - 8.0	SOM 6
Particle Size	NLT 98% through 250 micron	SOM 106
	NLT 91% through 180 micron	SOM 106
Ash on DM (800c)	18.0 - 27.0%	SOM 8C
Sodium Alginate Content (Assay)	90.8 - 106%	SOM 2F
Powder Colour	56 - 76	SOM 105
ID Test A	Pass	SOM 44
ID Test B	Pass	SOM 44

Microbiological:

Total Viable Mesophilic Aerobic Count (USP)	NMT 200 cfu/g	201C (EP)
Yeast	NMT 100 cfu/g	203A (EP)
Mould	NMT 100 cfu/g	203A (EP)
Salmonella	Absent in 25g	205 (EP)
Staphylococcus aureus	Absent in 0.5g	206 (EP)
E. coli	Absent in 25g	204 (EP)
Pseudomonas aeruginosa	Absent in 0.5g	207 (EP)
Coliform	Negative by MPN	204 (EP)

Heavy Metals:

Total Heavy Metal	NMT 40 ppm	22
Lead	NMT 5 ppm	22
Arsenic	NMT 1.5 ppm	22

NMT = not more than
NLT = not less than



Product Shelf-life / Re-evaluation Date

Recommended store at cool and dry conditions. Keep containers sealed as material is hygroscopic. One year from date of manufacture, if storage conditions stated above are observed. DuPont recommends that after the above Re-evaluation date, the customer considers that loss on drying, pH and viscosity are tested to establish whether material is still within listed specification.

Safety Data Sheets (SDS) available upon request.

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