

**Protanal® CR 8223** Sodium Alginate, NF, Ph. Eur.**Product Specifications:****Chemical and Physical:**

Loss on drying
Viscosity, 1.25% solution
pH, 1.25%
Particle size
Particle size
Calcium
Ash on DM (800c)
Sulphated Ash (650c)
Powder colour
Chloride
Sodium Alginate content (Assay)
ID Tests A & B

6 – 12%
600 – 900 mPa's
6.4 – 8.0
NLT 95% through 250 micron
NLT 90% through 180 micron
NMT 0.5%
18.0 - 27.0%
30.0 - 36.0%
NLT 64
NMT 1.0%
90.8 – 106%
PASS

Test Methods

SOM 1
SOM 82
SOM 6
SOM 106
SOM 106
SOM 7
SOM 8C
SOM 8A
SOM 105
SOM 31
SOM 2F
SOM 44

Microbiological:

Total viable mesophilic aerobic
count (USP)
Total viable mesophilic aerobic
count (Ph Eur)
Yeast
Mould
Salmonella
Staphylococcus aureus
E. coli
Pseudomonas aeruginosa
Coliform

NMT 200 cfu/g
NMT 2000 cfu/g
NMT 100 cfu/g
NMT 100 cfu/g
Absent in 25g
Absent in 1.0g
Absent in 25g
Absent in 1.0g
Negative by MPN/25g

201 (EP)
201 (EP)
203 (EP)
203 (EP)
205 (EP)
206 (EP)
204A (EP)
207 (EP)
204 (EP)

Heavy Metals:

Lead
Iron
Arsenic
Total heavy metals

NMT 5 ppm
NMT 375 ppm
NMT 1.5 ppm
NMT 20 ppm

22
22
22
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.

Re-evaluation date is 12 months 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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