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Specification Sheet

Product Name: **Sodium Alginate**
 Specifications & Purity: **USP/NF, Ph.Eur., E 401**
 SKU #: **S498293**

Parameter

Appearance(S498293)

Infrared spectrum

Assay (dried base,NF)

Dissolve 0.2 g with shaking in 20 mL of water R. To 5 mL of this solution add 1 mL of calcium chloride solution R. Avoluminous gelatinous mass is formed

Calcium(Ca)

Appearance of solution (Ph. Eur.)

Arsenic(As)

Lead(Pb)

Loss on drying

Sulfated ash(on dried substance)

Total Ash (dried basis)

TAMC (Total Aerobic Microbial Count , NF, Ph. Eur)

TYMC (Total Yeast and Mold Count , Ph. Eur)

Escherichia coli (Absent in 1 g)

Salmonella (Absent in 10 g)

Particle size ≤250 um

Viscosity (*Brookfield LVT, spindle no. 2/3, 60 rpm, 10% sol. 20°C)

Chloride (Cl-)

Limit Values

White or pale yellowish-brown powder

Conforms to Structure

90.8-106.0 (%)

Pass

0-1.5 (%)

Complies

0-1.5 (ppm)

0-10 (ppm)

0-15 (%)

30.0-36.0 (%)

18.0-27.0 (%)

≤200 (cfu/g)

≤100 (cfu/g)

Pass

Pass

99-100 (%)

300-700 (mPa·S)

0-1 (%)

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