



青岛聚大洋藻业集团有限公司 *Qingdao Gather Great Ocean Algae Industry Group Co., Ltd.*

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A.

Product Grade	Spec or Code	Gel Strength	Viscosity	Grain Size	Product Applications
Sodium Alginate Food Grade	GOS-SLV	< 600g/cm ² > 600 g/cm ²	Max. 50 cps	Granular 30/60/80/100/ 120/170/200	<p>In food industry, as gelatinizing agent, thickener, deflocculant used in health food such as ice cream, beverage, form food, meat product, jam ,health, etc.</p> <p>In pharmaceutical industry, used as bonding agent, biology bonding agent, sustained-release and controlled-release tablet, medical dressing, dental impression material .firming agent etc.</p> <p>In daily industry: used as peel mask, thickening stabilizing agent for cosmetic.</p> <p>In fodder industry: Used as fodder bonding agent , pet food bonding agent, etc.</p>
	GOS-LYF		50-100mPa.s		
	GOS-LWF		100-200 mPa.s		
	GOS-MYF		200-500 mPa.s		
	GOS-MWF		500-800 mPa.s		
	GOS-HYF		800-1000 mPa.s		
	GOS-HWF		≥1000 mPa.s		

PRODUCT STANDARD

Specifications	GB1976-2008	Chinese Pharmacopoeia Standards CP2010	E401	FCCV
Grain size	As per requirement	As per requirement	As per requirement	As per requirement



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Viscosity	As per requirement	As per requirement	As per requirement	As per requirement
Moisture	≤15.0%	≤15.0%	≤15.0%	≤15.0%
PH Value	6.0-8.0	-	6.0-8.0	6.0-8.0
Ash	18.0-27.0%	30.0-36.0%	18.0-27.0%	18.0-27.0%
Water insoluble matter	≤0.6%	-	≤2.0%	/
As	≤3 mg/kg	≤2 mg/kg	≤ 3 mg/kg	≤3 mg/kg
Lead	≤5 mg/kg	-	≤5 mg/kg	≤5 mg/kg
Appearance	Light yellow or white cream powder, or granular	Light yellow, or white cream powder, or granular	Light yellow, or white cream powder, or granular	Light yellow, or white cream powder, or granular
Hg	—	-	≤1 mg/kg	≤1 mg/kg
Cd	—	-	≤1 mg/kg	≤1 mg/kg
Total plate count	—	≤1000 cfu/g	≤5000 cfu/g	≤5000 cfu/g
Yeast&Moulds	—	-	≤500 cfu/g	≤500 cfu/g
E. coli	—	Absent in 1 g	Absent in 5 g	Negative
Salmonella	—	Absent in 1 g	Absent in 10 g	Negative in 25 g

B.

Product Grade	Spec or Code	Viscosity (1% Solution, 20°C)	Grain Size	Product Applications
Industrial Grade Sodium Alginate	GOS-LYI	20-100mPa.s	Granular 30/40/60/120 Mesh	In dye printing paste, water treatment, agriculture, electric welding rod, paper making ceramics etc, used as thickener, binding, forming agent.
		100-200 mPa.s		
	GOS-MYI	200-300 mPa.s		
		300-500 mPa.s		
	GOS-HYI	500-800 mPa.s		
		800-1000 mPa.s		
		≥1000 mPa.s		



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PRODUCT STANDARD

Specifications	SC/T3401-2006
Grain size	As per requirement
Viscosity	As per requirement
Moisture	≤15.0%
PH Value	6.0-8.0
Calcium content	≤0.4%
Ash	20.0-24.0%
Water unsolvable	≤0.6%
Free chlorine	Absent
Viscosity declining rate	≤20%