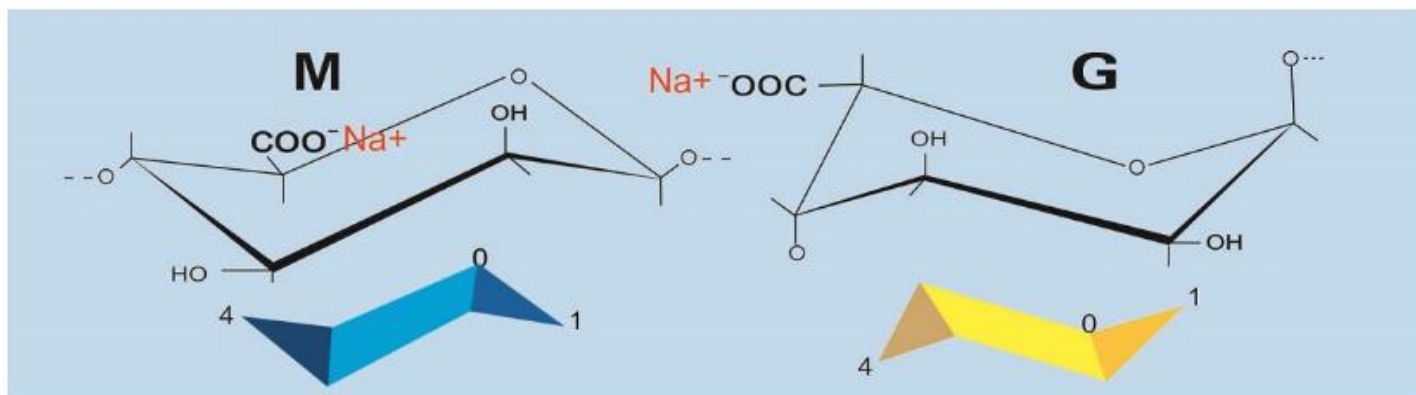


## Algin (Sodium Alginate)

### Product description:

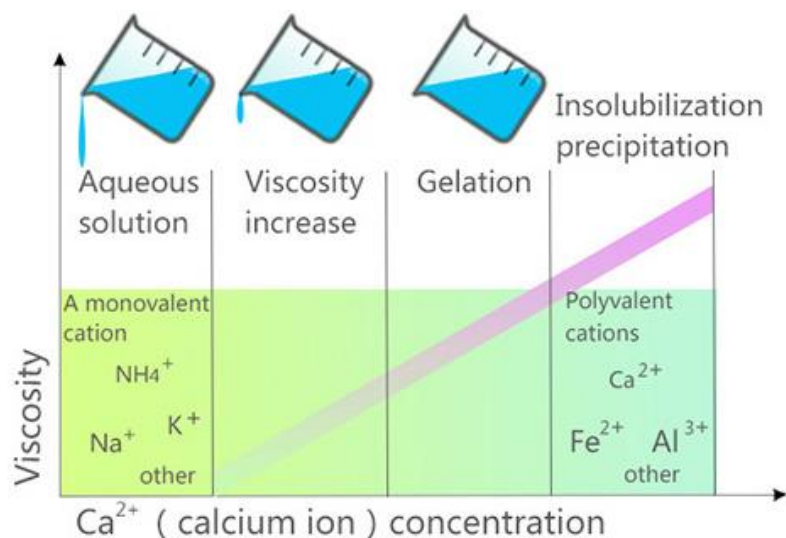
Alginate is a kind of natural polysaccharide consisted in brown seaweed, as a natural product generated from alginic acid indwell in seaweed and minerals indwell in sea. Alginic acid is a mix-polysaccharide composed of D-mannuronic acid(M) L-guluronic acid(G). The main alginate series include sodium alginate, potassium alginate, calcium alginate, ammonium alginate etc.

### Chemical structure:



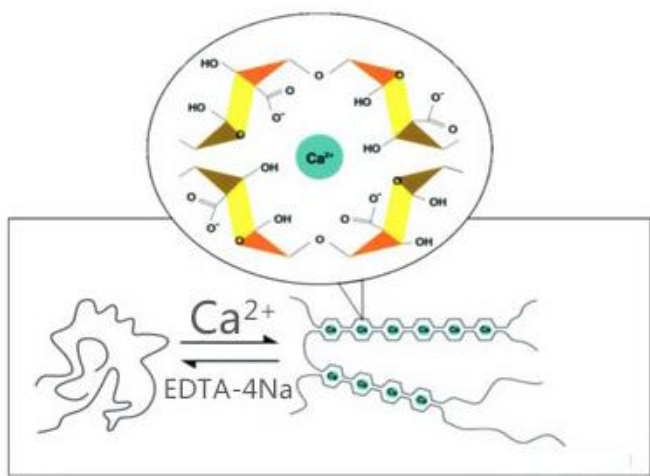
### Solution properties:

Alginate is a kind of natural polysaccharide consisted in brown seaweed, as a natural product generated from alginic acid indwell in seaweed and minerals indwell in sea. Alginic acid is a mix-polysaccharide composed of D-mannuronic acid(M) L-guluronic acid(G). The main alginate series include sodium alginate, potassium alginate, calcium alginate, ammonium alginate etc.



Gelling Characteristic:

When meeting with calcium ion exchange action takes place rapidly to form gel, and the gel is anti-reversibility. the high G alginate gel is crispness but much rigider, while the high M alginate gel has the opposite property, flexibler with the less rigidity. different strengths of gel made by different proportions. with different gel, alginate can be used for difference of imitated food, medical materials, face masks, water treatment agents, clingfilm etc.



Specifications:

Product Category	Variety & odes	Specification	Granularity	Application	Standard
Pharmaceutical Excipients Alginate				Pharmaceutical excipients, controlled release agents, dental impression materials, etc.	CP2015 USP38
Food grade sodium alginate	LYF	20-100 cps	Granule 30/60/80 /100/120/170/200 mesh	Food, cosmetics, thickeners, binders, stabilizers, molding agents. Food is mainly used i mitation type of food, pasta, beverages, mea t products, fillings, jams, pet food, etc.	GB1976-2008 FCC8
	LWF	100-200 cps			
	MYF	200-600 cps			
	MWF	600-800 cps			
	HYF	800-1000 cps			
Industrial grade sod ium alginate	LY1	≥1000 cps	30/40/60	Printing, water, pesticides, fertilizers, paper, welding, industrial adhesives, thickening agents, stabilizers, etc.	Q/0284 QMY003-2013 Q/0284 QMY002-2013 GB1976-2008 FCC8 CP2015 USP38
		20-100 cps			
		100-800 cps			
		800-1000 cps			
Low molecular weig ht alginate		10%, 300-700 cps	60/100	Pharmaceutical, functional food, ink-jet printing	

Certificate:

ISO9001, BRC, KOSHER, ISO22000,HALAL, ISO14001

