

## CERTIFICATE OF ANALYSIS

### Sodium Alginate

PRODUCT INFORMATION			
Commodity	Sodium Alginate		
Quantity		Standard	
Date of Production		Date of Expiry	
Product Type	FoodGum™ LF	Batch No.	
ANALYSIS RESULT			
Physical Items	Unit	Testing standards	Testing standards
Appearance	-	White power	Qualified
Particle Size	mesh	According to need	80
Viscosity(1% Solution Natural Basis)	mpa.s	According to need	596
Gel Strength	g/cm2	According to need	345
Content	%	90.8-106.0	99.2
Loss On Dying	%	≤ 15	12.1
Water-Insoluble Matter	%	≤ 2	0.2
Ash	%	18.0-27.0%	24.6
Ph	-	6.0-8.0	7.1
Arsenic	mg/kg	≤ 3	<3.0
Lead	mg/kg	≤ 5	<5.0
Mercury	mg/kg	≤ 1	<1.0
Cadmium	mg/kg	≤ 1	<1.0
Total Plate Count	cfu/g	<5000	600
Yeasts & Molds	cfu/g	<500	<100
Formaldehyde	mg/kg	≤ 50	Negative
Escherichia Coli	-	Negative in 5g	Negative
Salmonella	-	Negative in 10g	Negative
ANALYSIS CONCLUSION			
Conclusion	Qualified.		
Storage	Kept in dry, cool, and shaded place with original packaging, avoid moisture, store at room temperature.		

