

CERTIFICATE OF ANALYSIS

Product Name	SODIUM ALGINATE FOOD GRADE			
Lot No. — PARAMETER	Specification	DYS201911090	DYS201911091	DYS201911092
Manufacturing Date	/	November/25/2019	November/25/2019	November/25/2019
Expiry Date	/	November/24/2021	November/24/2021	November/24/2021
Weight/Lot (Kgs)	/	2000	2000	1000
Viscosity(1% sol.) (RVDA-11), #1.20 rpm, 20°C (mPa.s)	600-700	700	700	700
Particle Size (Mesh)	95% Min. throu, 80 mesh	95.90%	98.20%	98.20%
Loss on drying % (105°C, 4h)	15% w/w max	11.8	12.6	12.6
PH	6.0-8.0	6.93	6.82	6.82
Assay	Not less than 98%	97.90%	97.90%	97.90%
Water insoluble material	0.6% w/w max	0.07	0.07	0.07
Sulfated Ash	30.0-35.9% w/w	35.5	35.60	35.60
Appearance	White-cream powder			
Heavy Metals as Pb	Not more than 15 ppm as Pb Max.	<1	<1	<1
Arsenic	3 ppm Max.	<1	<1	<1
Lead	5 ppm Max.	<1	<1	<1
Mercury	1 ppm Max.	<1	<1	<1
Cadmium	1 ppm Max.	<1	<1	<1
Total Plate Count	5000 cfu/g Max.	<1000	<1000	<1000
E. Coli	Absent in 5 g	Conform	Conform	Conform
Salmonella	Absent in 10 g	Conform	Conform	Conform
Yeast and moulds	Max. 500 cfu/g	<200	<200	<200
Conclusion	QUALIFIED AS PER FCCV			
Remarks	N/M			