



Todo Droga
Quimica Mayorista

CERTIFICATE OF ANALYSIS

Product Name	SODIUM ALGINATE FOOD GRADE			
Lot No: PARAMETER	Specification	DYS201908079	DYS201908080	DYS201908081
Manufacturing Date	/	August/11/2019	August/11/2019	August/11/2019
Expiry Date	/	August/10/2021	August/10/2021	August/10/2021
Weight/Lot (Kgs)	/	2000	2000	1000
Viscosity(1% sol) (RVDT-II+, #2,30 rpm,30°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	11.6	12.2	12.2
PH	6.0-8.0	7.09	6.92	6.92
Assay	Not less than 98%	99.80%	99.90%	99.90%
Water insoluble material	0.6% w/w max	0.07	0.07	0.07
Sulphated Ash	30.0-35.9% w/w	35.6	35.70	35.70
Appearance	White-cream powder			
Heavy Metals as Pb	Not more than 15 ppm as Pb Max.	<4	<4	<4
Arsenic	3 ppm Max.	<2	<2	<2
Lead	5 ppm Max.	<4	<4	<4
Mercury	1 ppm Max.	<1	<1	<1
Cadmium	1 ppm Max.	<1	<1	<1
Total Faile 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			