

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Transparent Grade Xanthan Gum/E415
2. CAS Number	11138-66-2
3. Batch Number & Mfg. Date	As mentioned on lable
4. Date Of Exp	As mentioned on lable
5. Date of Analysis	June-2024

Item	Specification	Results	
Description	Cream colored powder. Its sol in water are neutral to litmus	conform	conform
Solubility	soluble in hot and cold water	conform	conform
Limit of isopropyl alcohol	not more than 0.075%	0	0
Viscosity (1% Solution in 1% KCL)	1200-1600 cps	1600 cps	1580 cps
Transparance 1% solution	min 85%	87.00%	86.00%
PH 1% solution	6.0-8.0	6.8	7.18
Loss on drying	Max 13%	7.79	8.26
Ash	6.5-16 %	6.62	6.56
Particle size	100% through 60 mesh	100%	100%
	Min 95% through 80 mesh	97%	98%
V1/V2	1.02-1.45	1.04	1.05
Pyruvic acid	Min 1.5%	4.10%	4.60%
Heavy Metal	max 20ppm	conform	conform
Lead	max 2ppm	conform	conform
Arsenic	max 3ppm	conform	conform
Total Plate Count	not more than 2000cfu/G	1700	1300
Yeast/Mold	not more than 50cfu/G	<50	<50
E.Coli	absent/g	conform	conform
Salmonella	absent/10g	conform	conform
Nitrogen	1.5% max	0.75	0.73
Assay	91%-108%	101%	99%
Residuals solvents	max 500ppm	63	46