



CERTIFICATE OF ANALYSIS

For Food Grade Xanthan Gum 80 mesh

Invoice No. : MSA15079

Quantity: 14000KGS/560BAGS

Production Date: JUN.12, 2015

Expiry Date: JUN.11, 2017

Batch No.		M1506A-G49
Test Items	Specs	Results
Appearance	Cream-White	Conform
Particle Size (mesh)	80/120/200	80
Loss on Drying	≤15%	9.31
PH	6.0-8.0	7.56
Viscosity (1% KCL, cps)	1200-1700	1483
Shearing Ratio	≥6.5	8.16
Ashes (%)	≤16%	9.2
Pyruvic Acid (%)	≥1.5	Conform
V ₁ :V ₂	1.02-1.45	Conform
Assay	91%-108%	Conform
Total Nitrogen	≤1.5%	Conform
Total Heavy Metals	≤10ppm	Conform
As	≤3ppm	Conform
Pb	≤5ppm	Conform
Total Plate Count	≤200 cfu/g	300
Moulds/Yeasts	≤10 cfu/g	100
Staphylococcus	Negative	Negative
Salmonella	Negative	Negative
Coliform	Negative	Negative
Isopropyl alcohol	Negative	Negative