



CERTIFICATE OF ANALYSIS

For Food Grade Xanthan Gum 80 mesh

Invoice No.: MSA16156

Quantity: 7000KGS/280BAGS

Production Date: OCT.12,2016

Expiry Date: OCT11, 2018

Batch No.		NH20161008016
Test Items	Specs	Results
Appearance	Cream-white	Conform
Particle Size (mesh)	40/80/200	80
Loss on Drying	≤15%	9.66
PH	6.0-8.0	6.94
Viscosity (1% KCL, cps)	1200-1700	1429
Shearing Ratio	≥6.5	8.18
Ashes (%)	≤16%	9.1
Pyruvic Acid (%)	≥1.5	Conform
V ₁ :V ₂	1.02-1.45	Conform
Total Nitrogen	≤1.5%	Conform
Total Heavy Metals	≤10ppm	Conform
As	≤3ppm	Conform
Pb	≤2ppm	Conform
Total Plate Count	≤2000cfu/g	600
Moulds/Yeasts	≤100cfu/g	<100
Staphylococcus	Negative	Negative
Salmonella	Negative	Negative
Coliform	Negative	Negative