XANTHAN GUM ANALİZ SERTİFİKASI

Product Name : Xanthan Gum

Cas Number : 11138-66-2

Molecular Formula : $C_8H_{14}Cl_2N_2O_2$

Test Items	Specs	Results
Appearance	White-like or light-yellow powder	Conform
Particle Size (mesh)	≥92% through 60 mesh ≥99% through 80 mesh	Conform
Viscosity (1% KCL, cps)	1200-1700cps	1586
Shearing Ratio	≥6.5	7.8
V_1:V_2	1.02-1.45	1.08
PH (1% solution)	6.0-8.0	6.9
Loss on Drying	≤15%	10.3
Ashes (%)	≤16	9.7
Total Heavy Metals	≤20ppm	Conform
Assay	91%-108%	Conform
Arsenic	≤1ppm	Conform
Cadmium	≤1ppm	Conform
Mercury	≤0.1ppm	Conform
Pb	≤2ppm	Conform
Total Nitrogen	≤1.5%	0.6
Pyruvic Acid (%)	≥1.5	>1.5
Total Plate Count	≤2000cfu/g	<100
Moulds/Yeasts	≤100cfu/g	<100
Ethanol/Propane-2-ol	<500ppm	356
Salmonella	Negative detection in 25g	Conform
E. Coli	Negative in 5g	Conform
Coliform(MPN/g)	≤0.3	Conform
Xanthomonas campestris	Viable cells absent in 1 g	Conform
Ethylene Oxide	< 0.1	Conform
Solubility	Soluble in water, Insoluble in Ethanol	Conform

Not: Bu belge üzerindeki spesifikasyonlar, üretici tarafından yapılan analiz sonuçlarındaki değerlerle bire bir aynıdır.