



内蒙古阜丰生物科技有限公司

NEIMENGGU FUFENG BIOTECHNOLOGIES CO., LTD.

JING ER ROAD, JINCHUAN DISTRICT ADM.COMMITTEE, INDUSTRIAL
ECONOMIC DEVELOPMENT ZONE, HOHHOT CITY, INNER MONGOLIA, CHINA.

CERTIFICATE OF ANALYSIS

For Food Grade Xanthan Gum FCC Standards

Batch No.:
Production Date

Sample

Quantity:
Expiration Date:

Test Items	Specs	Results
Appearance	Cream-white	Conform
Particle Size (mesh)	Not less than $\pm 100\%$ through 60 mesh(250 μm)	100
	Not less than 95% through 80 mesh(180 μm)	97.0
	Not more than 50% through 200 mesh(75 μm)	41.2
Loss on Drying	$\leq 12\%$	10.5
Ashes (%)	≤ 13	9.8
Viscosity (1% xanthan gum in 1%KCL solution)	1200-1600cps	1550
PH (1% xanthan gum solution)	6.0-8.0	6.8
Ethanol	$\leq 750\text{ppm}$	230
Pyruvic Acid (%)	≥ 1.5	Conform
V ₁ :V ₂	1.02-1.45	1.08
Total Nitrogen	$\leq 1.5\%$	0.5
Pb	$\leq 2\text{ppm}$	0.072
As	$\leq 2\text{ppm}$	0.072
Mercury	$\leq 2\text{ppm}$	Conform
Cadmium	$\leq 2\text{ppm}$	Conform
Total Plate Count	$\leq 2000\text{cfu/g}$	100
Assay	91%-117%	Conform
Moulds/Yeasts	$\leq 100\text{cfu/g}$	<100
Amylase	Negative	Negative
Salmonella	Negative	Negative
Coliforms	Negative	Negative
Identification Test (Rubbery Gel below 40 deg.)	FCC	Conform

