



Xinjiang Fufeng Biological Technology Co., Ltd.

新疆阜丰生物科技有限公司

Certificate Of Analysis

检验报告单

Product Name: Gellan Gum

Packing: 25kg/drum

Quantity: 1000kg

Inspection Date: 2014.05.16

Country Of Origin: China

Batch No.: GG201405015

Mfg Date: 2014.05.15

Expiry Date: 2016.05.14

Grade :Low acyl

Items	Specifications	Results
Characteristic	Off-white, odorless, Free flowing powder	Complies
Content	85~108%	97.5%
Solubility	Soluble in water to form viscous solution	Complies
Calcium ion test	Pass	Complies
Particle size	≥95% Pass 60 mesh	Complies
Loss on drying	≤15.0%	9.1%
pH value	5.5~7.5	6.7
Residue of ethanol	≤750mg/kg	Complies
Gel strength (0.5% solution )	≥800g/cm <sup>2</sup>	1010g/cm <sup>2</sup>
Total Nitrogen	≤3%	Complies
Transmittance (0.5% solution)	≥80%	86.5%
Lead	≤2mg/kg	Complies
Mercury	≤1mg/kg	Complies
Arsenic	≤2mg/kg	Complies
Cadmium	≤1mg/kg	Complies
Total bacterial	≤10,000cfu/g	800cfu/g
Yeast & Mold	≤400cfu/g	Complies
E. Coli	≤30MPN/100g	Complies
Salmonella	Negative	Complies