



Certificate of Analysis

Locust Bean Gum

Catalog Number: LB1001
Lot Number: 0412802
CAS Number: 9000-40-2
Storage: 15°C – 30°C
Date of Manufacture: December 2, 2016
Retest Date: December 1, 2018

Test	Specification	Result
Galactomannan	≥ 78%	81.09%
Viscosity	≥ 2800cps	3,175cps
pH (1%)	5.4 – 7.0	5.70
Protein	≤ 7%	6.60%
Fat	≤ 1.2%	< 1.2%
Moisture	≤ 12%	10.46%
R.I.A.	≤ 2.5%	1.0%
Ash	≤ 1.2%	0.85%
Ethanol/propan-2-ol	≤ 1.0%	< 1.0%
Particle Size		
@71microns	≤ 40%	< 40%
@200microns	≥ 99%	> 99%
Total Plate Count	≤ 5,000/g	80/g
Yeast & Mold	≤ 500/g	Not detected
Enterobacteriaceae	≤ 10/g	Not detected
<i>E. coli</i>	≤ 10/g	Not detected
<i>S. aureus</i>	≤ 100/g	Not detected
These will conform but not every batch is tested.		
Heavy Metals	≤ 20ppm	N/A
Arsenic	≤ 2ppm	N/A
Cadmium	≤ 1ppm	N/A
Lead	≤ 2ppm	N/A
Mercury	≤ 1ppm	N/A
Starch	Negative	N/A
<i>Salmonella</i>	Absent	N/A

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC

Date: April 13, 2018



Gojira Fine Chemicals, LLC

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