

## Certificate of Analysis

Date of Testing: 2023-09-14 17:05:46  
Date of Next Testing: 2027-09-13 17:05:46  
Product Name: **Guar**  
CAS Number: 9000-30-0  
Specifications & Purity: 5000-5500 cps,200 mesh  
Lot #: I2308181  
SKU #: **G109238**  
Analysis: **216098**

Parameter	Limit Values	Result
Ash	0-1.5 (%)	1.04 %
Protein Content	0-5 (%)	1.52 %
Galactomannan	83-100 (%)	95.60 %
insoluble ash	0-0.6 (%)	0.35 %
Loss on drying(105 °C, 60 Minutes)	0-10 (%)	2.38 %
Lead(Pb)	0-10 (ppm)	1.82 ppm
PH	6-8	7.20
Insoluble matter	0-5 (%)	1.18 %
(As)Arsenic	0-3 (ppm)	0.38 ppm
Particle size	≥200 (mesh)	200.00 mesh
Viscosity(1% water solution, 25 °C, 2hr, 20 rpm, rotor No.4.	5000-5500 (cP)	5011.00 cP
Appearance (G109238)	white flowing powder milk	white flowing powder milk



John Su  
QA & QC Manager