

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Guar Gum
INCI Name: Guar hydroxypropyltrimonium chloride
CAS Number: 65497-29-2
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 12 months from production date

Characteristics/Method	Specifications	Result
Appearance at 25 °C	Fine Powder	Pass
Color	Light yellow	Pass
pH (1% sol'n @20 °C)	6-7	6.1
Moisture	6-12	8.14
Viscosity (1% sol'n, 20 rpm, 20 °C)	3000-4500cps	3640
Particle size (through 140 mesh)	90% min	98.9
Total Microbial Count	100 cfu/g max	Pass

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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