

CERTIFICATE OF ANALYSIS

Product Name:	Guar Gum		
INCI Name:	Guar hydroxypropyltrimonium chloride		
CAS Number:	65497-29-2		
Batch Number	20221025	Manufacture Date	20221025
Report Date	20221025	Expiry Date	20241024

Test Items	Specifications	Results
Appearance @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

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

