

# Cassia Gum Powder

## Pet Food Grade

### Gross Description



Chemical Identity	High Molecular Weight Galactomannan Polysaccharide; forms viscoelastic gels with Xanthan Gum.
Appearance & Color	Fine free flowing powder with no lumps, Color yellowish to Tan
Odour And Taste	Neutral, Agreeable (very mild fruit like)
Solubility	Hydrates in water at 85°C forming low viscosity solution
Regulatory	Conforms to EEC standard E499 & USA standard (FDA, AAFCO). For use as ingredient for wet and semi-wet pet food manufacture.

### Physical , Biochemical , Microbiologic Parameters

Parameter	Specification	Application & Uses
Moisture Content	12% Max.	<ul style="list-style-type: none"> <li>○ Gelling and Texturizing of Pet Foods (Dogs and Cats) – Wet and Semi-wet formulations.</li> <li>○ Forms thermoplastic gels with kappa carrageenan</li> <li>○ Forms viscoelastic gels with xanthan gum</li> </ul>
pH	6.5 – 7.5	
Particle Size (60 Mesh)	99% Min. passing	
Ash Content	1.5 % Max.	
Acid Insoluble Matter	1.5% Max.	
Gel Strength (with k-carrageenan)	138 g with F.I.R.A. instrument/equivalent	
Total Anthraquinones	Max. 0.5 mg/kg	
Chrysophanic Acid	Max. 10 mg/kg	
TPC	10000 cfu/g Max.	
Yeast & Mold	100 cfu/g Max.	
E Coli	Negative in 5 gms.	
Salmonella	Negative in 25 gms.	
Protein	7% Max.	
Heavy Metals	20 mg/Kg	
Lead	2 mg/Kg	
Arsenic	3 mg/Kg	
Mercury	1 mg/Kg	
Cadmium	1 mg/Kg	

### Specification Packing & Storage

<b>Packing</b>	25 Kg, Paper Laminated HDEP Bags, with PP liner
<b>Shelf Life</b>	2 Years After Manufacturing Date, Under Recommended Conditions
<b>Storage</b>	Cold And Dry Conditions, Sealed Packaging, At 15-28°C, Max. 65% RH