



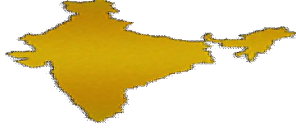
Factory Address: Rajeev Gandhi Ward 16, Urla Industrial Estate, Raipur, (CG) INDIA.

URL: www.bharatagro.net -mail: info@bharatagro.net,

Mob: +91-9414106305 , Tel: +91-771-6455301~5 , Fax : +91-771 - 2562792,

Certificate of Analysis (COA)

Identity	: Cassia Gum Powder 60 Mesh – Feed grade (In compliance with EFSA - E499 and AFFCO)
Physical Appearance	: Dry free flowing powder yellowish in color
Batch Number	: FREE SAMPLE
Date of manufacture	: January 25, 2013
Best Before	: 2 years from date of manufacture
Confirmatory test	: Forms gel in synergy with Xanthan Gum
Odour	: Neutral to mild fruity
Loss on Drying (LOD)	: 10.2%
pH	: 7.4
Gel Strength	: 141 grams in synergy with Kappa Carageenan
Chrysophanic Acid	: 9.87 mg/kg (HPLC analytical method)
Mesh	: 99.2% passing 250 micron screen. 87.4% passing 180 micron screen 46.2% passing 106 micron screen
Microbial Load – TPC	: 4750 cfu/g
Microbial Load – Y&M	: 16 cfu/g



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Declaration:

The sample of Cassia Gum Powder 60 Mesh – Feed Grade is a pure flour of the endosperm of Cassia Tora and Cassia Obtusifolia. There is no presence of Cassia Occidentalis. No aids or chemicals have been used during the manufacture except pure water.

Mr. Vikram Maheshwari
CEO / Responsible Person (Lab.)