

## ANALYSIS REPORT OF CASSIA GUM POWDER (FEED GRADE) 60 MESH – E499

PRODUCT NAME	: Cassia Gum Powder 60 Mesh – Feed grade (In compliance with EFSA - E499 and AFFCO)
LOT NO	: RUDRA108/A
PRODUCT APPEARANCE	: dry free flow smooth powder in yellowish colour
ODOUR	: Neutral to Mild Fruity
CONFIRMATORY TEST	: Forms gel in synergy with Xanthan Gum
GEL STRENGTH	: 143 grams in synergy with Kappa Carageenan
Ph VALUE	: 7.3
LOSS ON DRYING (LOD)	: 10.12%
MESH	: 99.3% passing 250 micron screen 87.2% passing 180 micron screen 46.5% passing 106 micron screen
Microbial Load – Y&M	: 16.2 cfu/g
MICROBIAL LOAD – TPC	: 4780 cfu/g
VISCOSITY	: 5% on hot viscosity measured at 27 deg C = 42000 mPas 1% on cold viscosity measured at 27 deg C = 85 mPas
CHRYSOPHANIC ACID	: 9.80 mg/kg (HPLC analytical method)

### PRODUCT DECLARATION

THE SAMPLE CONTAIN	: cassia gum powder 60 mesh size ( for feed grade) is pure flour of the endosperm of cassia tora and cassia obtusifolia . and also declare that the absence of cassia occidentalis. - No Chemicals have been used during the manufacturer expect Pure Water
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