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SINCE 1982

# ALTRAFINE GUMS™

MFG. & EXP. OF GUAR GUM, CASSIA GUM, TAMARIND GUM, SESBANIA GUM, FENUGREEK GUM, PSYLLIUM HUSK & POWDER  
FOOD, FEED, PET FOOD, PHARMA, TEXTILE, COSMETIC, PAPER, MINING AND OIL & GAS WELL DRILLING & FRACTURING.

88/2, G.I.D.C. ESTATE, PHASE-1, VATVA, AHMEDABAD-382 445, GUJARAT, INDIA.  
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## SPECIFICATION

**PRODUCT** : GUAR GUM POWDER – FOOD GRADE (E-412) (CAS: 9000-30-0)  
MESH: 200, VISCOSITY: 5000 CPS

**PRODUCT BRAND** : ALTRACOL

**PRODUCT ID** : AFG250F

**SHELF-LIFE** : 24 MONTHS

**ORGANOLEPTIC:** COLOR: A WHITE TO YELLOWISH WHITE POWDER  
ODOR: NEARLY ODOURLESS POWDER

**PHYSICAL** :

**PARTICLE DISTRIBUTION:**

MESH	% RETAINED
200	MAX. 10 %

**CHEMICAL** :

MOISTURE (LOSS ON DRYING): MAX. 12.00 %

PROTEIN (Nx6.25) : MAX. 05.00 %

ASH : MAX. 01.00 %

ACID INSOLUBLE MATTER : MAX. 03.00 %

GUM CONTENT (BY DIFF.) : MIN. 79.00 %

pH : 5.5 – 7.0

ARSENIC : MAX. 3 PPM

LEAD : MAX. 2 PPM

MERCURY : MAX. 1 PPM

CADMIUM : MAX. 1 PPM

HEAVY METAL : MAX. 20 PPM

STARCH : ABSENT

ORGANIC PEROXIDES : MAX. 0.7 MEQ. ACTIVE OXYGEN/KG

FURFURAL : MAX. 1 PPM

TEST FOR GALACTOSE : PASSES TEST

TEST FOR MANNOSE : PASSES TEST

SOLUBILITY : SOLUBLE IN COLD WATER

PENTACHLOROPHENOL : NOT MORE THAN 0.01 MG/KG

**VISCOSITY** : COLD D.W., 1 % SOLU. BROOKFIELD RVT, 20 RPM @ 25° C, SPINDLE NO. 4

02 HRS. - MIN. 5000 CPS

24 HRS. - MIN. 5000 CPS

**MICRO-BIOLOGICALS:**

TOTAL PLATE COUNTS/GMS : MAX. 5000

YEAST & MOULDS/GMS : MAX. 200

SALMONELLA/25 GMS : NEGATIVE

E.COLI/GMS : NEGATIVE

COLLIFORM/GMS : NEGATIVE

BACILLUS CEREUS/GMS : NEGATIVE

ENTEROBACTERIAE/GMS : NEGATIVE

STAPHYLOCOCCUS AUREUS/GMS : NEGATIVE

**STORAGE CONDITION:** STORAGE IN A COOL AND DRY PLACE,  
AWAY FROM DIRECT SUNLIGHT.