

H.B. GUM INDUSTRIES PVT.LTD.

PRODUCT DATA SHEET

HICOL 58 MF

DESCRIPTION :

HICOL 58 MF, high purity guar gum is obtained from the endosperm of the seed of the guar plant, Cyamopsis Tetragonolobus. Guar gum plants are principally grown in India & Pakistan.

HICOL 58 MF, high purity guar gum is a high molecular weight polysaccharide which has a mannose backbone and galactose side chains. The average ratio of these two sugar units is approximately 2:1.

HICOL 58 MF, high purity guar gum is a natural vegetable gum which does not require heat to develop full viscosity.

| | <u>SPECIFICATION</u> | <u>Test Procedure</u> |
|---------------------------------------|-----------------------|-----------------------|
| Moisture | : 8 to 12% | TP/01 |
| Protein | : 4.5% Max. | TP/05 |
| <u>VISCOSITY : BV.1.O3B :-</u> | | TP/10/04 |
| 15' | : 4500 CPS Min. | |
| 2 Hrs | : 5800 CPS Min. | |
| 24 Hrs | : 90% of 2 Hrs Value. | |
| pH | : 5.2 to 6.5 | TP/29 |
| BV1.04B | : 6000 CPS Min. | TP/10/06 |
| <u>MESH :-</u> | | TP/21 |
| +40 | : NIL | |
| -100 | : 100% | |
| -200 | : 80% Min. | |
| <u>COLOUR:-</u> | | TP/09 |
| RED | : 86 Min. | |
| BLUE | : 62 Min. | |
| GREEN | : 80 Min. | |
| <u>MICRO COUNTS:-</u> | | |
| SPC | : 10,000/Gm. Max. | TP/06 |
| MOLD | : 500/Gm. Max. | TP/07 |
| YEAST | : 100/Gm. Max. | TP/07 |
| COLIFORM | : Absent. | TP/08 |
| SALMONELLA | : Negative. | TP/31 |