

# H.B. GUM INDUSTRIES PVT.LTD.

## PRODUCT DATA SHEET

### HICOL 45 UF

#### DESCRIPTION :

HICOL 45 UF, 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 45 UF, 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 45 UF, 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	: 5.5% Max.	TP/05
<b><u>VISCOSITY : BV.1.O3B :-</u></b>		TP/10/04
15'	: -	
2 Hrs	: 4500 CPS Min.	
24 Hrs	: 90% of 2 Hrs Value.	
pH	: 5.2 to 6.5	TP/29
BV1.04B	: 4800 CPS Min.	TP/10/06
<b><u>MESH :-</u></b>		TP/21
+40	: NIL	
-200	: 99% Min.	
-325	: 95% Min.	
<b><u>COLOUR:-</u></b>		TP/09
RED	: 86 Min.	
BLUE	: 62 Min.	
GREEN	: 80 Min.	
<b><u>MICRO COUNTS:-</u></b>		
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