

H.B. GUM INDUSTRIES PVT.LTD.

PRODUCT DATA SHEET

HICOL G2

DESCRIPTION :

HICOL G2, 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 G2, 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 G2, 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
<u>VISCOSITY : BV.1.O3B :-</u>		TP/10/04
15'	: 1500 CPS Min.	
30'	: 2200 CPS Min.	
2 Hrs	: 3500 CPS Min.	
4 Hrs	: 4000 CPS Min.	
24 Hrs	: 90% of 2 Hrs Value.	
pH	: 5.2 to 6.5	TP/29
BV1.04B	: 4000 CPS Min.	TP/10/06
<u>MESH :-</u>		TP/21
+40	: NIL	
-60	: 100%	
-100	: 80% Min.	
-140	: 35 to 50%	
-200	: 20% Max.	
<u>COLOUR :-</u>		TP/09
RED	: 74 Min.	
BLUE	: 47 Min.	
GREEN	: 66 Min.	
<u>MICRO-COUNTS :-</u>		
S P C	: 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