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**Rama Gum Industries (I) Limited**

Manufacturer & Exporter of Guar Gum Split & Powder  
Government Recognized Export House Status

CIN-U24139GJ2013PLC074306  
GSTIN-24AAGCR3389C2ZE

## CERTIFICATE OF ANALYSIS

05-Feb-2025

Customer : DUTCH STARCHES INTERNATIONAL S.A.  
Product : GUAR GUM POWDER 200 MESH 5000-5500 CPS  
P.O. No : PI/2024-25/416 16-Jan-25  
MFG. DATE : JANUARY-2025  
EXP. DATE : JANUARY-2027  
Conatiner No : MRSU6076946

Shipping Mark : PRODUCT: GUAR GUM POWDER (FOOD GRADE) 200 MESH 5000 CPS NET WT:  
25.000 KG PRODUCTION DATE: JANUARY-2025 EXPIRATION DATE:  
JANUARY-2027 BATCH NO. RG250/25/1148 MANUFACTURER: RAMA GUM  
INDUSTRIES (I) LIMITED COUNTRY OF ORIGIN: INDIA

| BATCH NO                        | RG250/25/1148                           |
|---------------------------------|-----------------------------------------|
| MOISTURE%                       | 9.40                                    |
| ASH%                            | 0.72                                    |
| PROTEIN%                        | 4.01                                    |
| RIA%                            | 2.50                                    |
| Glactomannan %                  | 83.37                                   |
| pH                              | 6.40                                    |
| <b>PHYSICAL ANALYSIS</b>        |                                         |
| Appearance                      | Light Cream Coloured homogeneous powder |
| Granulometry                    |                                         |
| On 100 mesh %                   | NIL                                     |
| Through 200 mesh %              | 98.40                                   |
| <b>VISCOSITY</b>                |                                         |
| 2 Hours                         | 5250                                    |
| 24 Hours                        | 5350                                    |
| <b>Microbiological Analysis</b> |                                         |
| Total Plate Count (1/g)         | 900                                     |
| Yeast and Moulds (1/g)          | 20                                      |
| E. Coli                         | Absent                                  |
| Salmonella                      | Absent                                  |
| Dioxin                          | Absent                                  |
| ETO ( Ethylene Oxide )          | Absent                                  |

Materials has been passed from Metal detector

Brookfield method:-Take 396 ml distilled water + add 4 gm guar gum powder with continue stirring at 2000 rpm for 10 minutes, maintain temperature of 25° C. Result on Brookfield viscometer by spindle no 4 on 20 rpm.

For RAMA GUM INDUSTRIES (I) LTD

(AUTHORISED SIGNATORY)



CHEMIST  
QUALITY CONTROL

