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**Rama Industries**

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

## P R O D U C T   P R O F I L E

### Physillium Husk

Grade Name	RICOL 99	RICOL 98	RICOL 95
DESCRIPTION	Pale Buff, Odourless Husk	Pale Buff, Odourless Husk	Pale Buff, Odourless Husk
TASTE	Bland Mucila-ginous	Bland Mucila-ginous	Bland Mucilag-inous
MOISTURE	10% Max.	10% Max.	10% Max.
SWELL VOLUME	Min. 50 Ml. / Gram	Min. 45 Ml. / Gram	Min. 40 Ml. / Gram
PSYLLIUM MUCILLOID CONTENT	99%	98%	95%
TOTAL ASH	4% Max.	4% Max.	4% Max.
ACID INSOLUBLE ASH	1.0% Max.	1.0% Max.	1.0% Max.
HEAVY EXTRANEEOUS MATTER	0.3% Max	0.4% Max.	0.5% Max.
LIGHT EXTRANEEOUS MATTER	1.0% Max	5.0% Max.	5.0% Max.
MESH SIZE LIMIT	N/A	N/A	N/A

All information is given in good faith but no guarantee of accuracy is made nor can we anticipate every possible application of our product nor variations in manufacturing equipment and methods. Our products are therefore sold without warranty express or implied, and on the condition that the purchaser relies on his own ability to determine the suitability of each product for a particular purpose. Statement concerning the possible use of our products are not intended as recommendations for use. No liability is accepted for infringement of any patents.

## Psyllium Husk Powder

<b>Description</b>	<b>RICOL-P- 98%</b>
<b>Description</b>	Pale-Buff-Coloured Husk. The Odour is not Marked
<b>Taste</b>	Blend Mucilaginous
<b>Moisture</b>	10% Maximum
<b>Swell Volume</b>	Not less than 70ml/gm
<b>Psyllium Mucilloid Content</b>	98% Minimum
<b>Total Ash</b>	4% Maximum
<b>Acid Insoluble Ash</b>	1% Maximum
<b>Heavy Extraneous Matter</b>	0.5% Maximum
<b>Light Extraneous Matter</b>	2% Maximum
<b>Insect Infestation</b>	Not more than 100 insect fragments including mites and psocides per 25 grams
<b>Mesh Size Limits</b>	40 Mesh
<b>Microbiological</b>	
<b>TOTAL YEAST &amp; MOLD COUNT</b>	NMT 5,000 CFU/Gm
<b>E.COLI</b>	ABSENT
<b>SALMONELLA</b>	ABSENT

The Company Markets Psyllium In Different Forms Given Under,

Psyllium Products Purity contents

Psyllium Seeds 97% to 99%

Psyllium Husk 75%, 85%, 95%, 98%, 99%

Psyllium Husk Powder 40# mesh to 100# mesh

Psyllium Industrial KhaKha Powder 40# mesh to 100# mesh

Psyllium Seeds

Common Names of Psyllium Flea, Ispaghua, Spogel, Plantago Psyllium, Isaphgol, Plantago sp., Isabgula

Botanical Names of Psyllium Plantago Ovata, Plantagolspaghula

Description Psyllium seeds is an agri-farm product of dried ripe seeds of plantago ovata forks (farm. Plantaginaceae) and it has been cleaned free for all dust, agri farm fibers, wastes, mud, stones and iron particles.

Chemical Constituents Mucilage mainly composed of arabinose, xylose, galacturonic acid, semi drying fatty oil and small amount of aucubin.

Properties Seed has property of mucilage formation on extraction of moisture. Psyllium seeds are cooling, laxative, soothing, antacidic, anti diuretic and demulcent

Specifications

Color Light brown to moderate brown

Odor Faint, characteristic

Taste Bland, mucilaginous

Particle Size Maximum 5.0 % on U.S.S. 35#

Moisture (loss on drying) Maximum 12.0 %

Total Ash Maximum 4.0 %

Acid Insoluble Ash Maximum 1.0%

Foreign Organic Matter Maximum 0.5 %

Psyllium Husk

Common Names of Psyllium Flea, Ispaghua, Spogel, Plantago Psyllium, Isaphgol, Plantago sp., Isabgula

Botanical Names of Psyllium Plantago Ovata, Plantagolspaghula

Description Psyllium Husk consists of the epidermis and the collapsed adjacent layers removed from the dried ripe seeds of plantago Ovate Frosk.

Chemical Constituents Mucilage mainly composed of arabinose, xylose, galacturonic acid, semi drying fatty oil and small amount of aucubin.

Properties Seed has property of mucilage formation on extraction of moisture. Psyllium seeds are cooling, laxative, soothing, antacidic, anti diuretic and demulcent

Description RICIL 85% RICOL 95% RICOL 98% RICOL 99%

Description Pale-Buff-Coloured Husk. The Odour is not Marked Pale-Buff-Coloured Husk. The Odour is not Marked Pale-Buff-Coloured Husk. The Odour is not Marked Pale-Buff-Coloured Husk. The Odour is not Marked

Taste	Blend Mucilaginous	Blend Mucilaginous	Blend Mucilaginous	Blend Mucilaginous
Mucilaginous				
Moisture	10% Maximum	10% Maximum	10% Maximum	10% Maximum
Swell Volume	Not less than 40 ml/gm	Not less than 50 ml/gm	Not less than 55 ml/gm	Not less than 65 ml/gm
Psyllium Mucilloid Content	85% Minimum	95% Minimum	98% Minimum	99% Minimum
Total Ash	4% Maximum	4% Maximum	4% Maximum	4% Maximum
Acid Insoluble Ash	1% Maximum	1% Maximum	1% Maximum	1% Maximum
Heavy Extraneous Matter	0.5% Maximum	0.5% Maximum	0.5% Maximum	0.5% Maximum
Light Extraneous Matter	15% Maximum	15% Maximum	2% Maximum	1% Maximum
Insect Infestation	Not more than 100 insect fragments including mites and psocides per 25 grams		Not more than 100 insect fragments including mites and psocides per 25 grams	
Mesh Size Limits	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements
Sieve Analysis	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements
Product Purity	As per the buyer's requirements			
Swell Volume				
Psyllium Husk 70%	Above 70%	Not less than 28 ml/gm		
Psyllium Husk 80%	Above 80%	Not less than 30 ml/gm		