



# SMILAX PSYLLIUM IMPEX CO.

Village-Jivanpura, Post-Kaithun, Chaksu, Distt. Jaipur (Rajasthan) – 303901 (INDIA)

## FINISHED PRODUCT SPECIFICATION

Department: Quality control department

Title: PSYLLIUM HUSK 85% WITH VARIOUS PARTICLE SIZES

Specification: SPI/CFPS-01/00

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Sr. No	Test	Specification				
		Psyllium Husk 85 % {Whole husk}	Psyllium Husk 85 % 40#	Psyllium Husk 85 % 60#	Psyllium Husk 85 % 80#	Psyllium Husk 85 % 100#
1.	<b>Description</b>	Pale buff or light brown coloured free flowing flasks. Material swells rapidly in water, forming stiff mucilage.	Pale buff or light brown coloured free flowing powder. Material swells rapidly in water, forming stiff mucilage.	Pale buff or light brown coloured free flowing powder. Material swells rapidly in water, forming stiff mucilage.	Pale buff or light brown coloured free flowing powder. Material swells rapidly in water, forming stiff mucilage.	Pale buff or light brown coloured free flowing powder. Material swells rapidly in water, forming stiff mucilage.
2.	<b>Identification</b>	Microscopic test shows presence of fragmented Psyllium flasks.	Microscopic test shows presence of fragmented Psyllium powder.	Microscopic test shows presence of fragmented Psyllium powder.	Microscopic test shows presence of fragmented Psyllium powder.	Microscopic test shows presence of fragmented Psyllium powder.
3.	<b>Foreign particles</b>	NMT 2.0 % w/w.	NMT 2.0 % w/w.	NMT 2.0 % w/w.	NMT 2.0 % w/w.	NMT 2.0 % w/w.
4.	<b>Total ash</b>	NMT 4.0 % w/w.	NMT 4.0 % w/w.	NMT 4.0 % w/w.	NMT 4.0 % w/w.	NMT 4.0 % w/w.
5.	<b>Acid insoluble ash</b>	NMT 0.45 % w/w.	NMT 0.45 % w/w.	NMT 0.45 % w/w.	NMT 0.45 % w/w.	NMT 0.45 % w/w.
6.	<b>Loss on drying/ Moisture/ Water</b>	NMT 12.0 % w/w.	NMT 12.0 % w/w.	NMT 12.0 % w/w.	NMT 12.0 % w/w.	NMT 12.0 % w/w.
7.	<b>Swell Volume</b>	NLT 40 ml/ gm	NLT 40 ml/ gm	NLT 40 ml/ gm	NLT 40 ml/ gm	NLT 40 ml/ gm
8.	<b>Light Extraneous Matter</b>	NMT 15.0 % w/w	NMT 15.0 % w/w	NMT 15.0 % w/w	NMT 15.0 % w/w	NMT 15.0 % w/w
9.	<b>Purity</b>	NLT 85.0%w/w	NLT 85.0%w/w	NLT 85.0%w/w	NLT 85.0%w/w	NLT 85.0%w/w

	Prepared By	Checked By	Approved By
<b>Name</b>	Mr. Raysingh	Mr. Kamal Kumar	Mr. Kapil Kumar
<b>Designation</b>	Sr Executive (QC)	QA Manager	Quality Head
<b>Signature</b>			
<b>Date</b>	31/12/2018	31/12/2018	31/12/2018



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### Microbial Limits

10.	Total aerobic bacterial count	NMT 1000CFU/gm	NMT 1000CFU/gm	NMT 1000CFU/gm	NMT 1000CFU/gm	NMT 1000CFU/gm
	Total yeast & mould count	NMT 100CFU/gm	NMT 100CFU/gm	NMT 100CFU/gm	NMT 100CFU/gm	NMT 100CFU/gm
	Bile-tolerant Gram-negative bacteria	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm
	<b>Test for pathogens</b>					
	E. coli	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm
	Salmonella species	Must be absent/10gm	Must be absent/10gm	Must be absent/10gm	Must be absent/10gm	Must be absent/10gm
	S. aureus	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm
	P.aeruginosa	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm	Must be absent/gm
	Shigella	Must be absent/10gm	Must be absent/10gm	Must be absent/10gm	Must be absent/10gm	Must be absent/10gm
11.	<b>Particle size</b>	a) NLT 40 % w/w should be retained on 30 #	a) NLT 95 % w/w should be pass through 40 #	a) NLT 90 % w/w should be pass through 60 #	a) NLT 90 % w/w should be pass through 80 #	a) NLT 90 % w/w should be pass through 100 #
		b) NMT 8.0 % w/w should pass through 70 #	b) NMT 5.0 % w/w should retained on 40 #	b) NMT 10.0 % w/w should retained on 60 #	b) NMT 10.0 % w/w should retained on 80 #	b) NMT 10.0 % w/w should retained on 100 #

\*Note: If material is sterilized, then only Microbial load analysis should be performed. This is not a release criterion, & only for information purpose.

**Storage condition:** Store in a well closed container or HDPE bags having lined polythene bag. Protect from moisture and the attack of insects and rodents.

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