CHAKSU, JAIPUR

FSSAI Lic No. – 10021013000080 US FDA Food Facility Reg. No. - 1074958667

Email: sales@smilaxgroup.net; Website: www.smilaxpsyllium.in

QUALITY CONTROL DEPARTMENT **CERTIFICATE OF ANALYSIS** (FINISHED PRODUCT)

Product Name:	PSYLLIUM HUSK 99%			
USFDA Reg No:	10749586678 A. R. No.: SPL-R2503		SPL-R250301-05	
Batch No.:	ES030325	Pack Size:	25 Kg	
Mfg. Date:	Mar. 2025	PO No:	AGR-ZM 041/12/2024	
Exp. Date:	Feb. 2028	Sample Quantity:	0.5 KG {Approx}	
Batch Size:	12500	Analyzed By:	Ramesh Chand	
Product Code:	POW/95/60	Date of Analysis:	01/03/25	
Specification No.:	SPI/FPS/01(00)-04	Release Date:	10/03/25	
Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA	

Sr. No	Test	Specification	Result
1.	Description	Husk consists of Pinkish-beige fragments or flakes upto 2mm long & 1mm wide, much broken into smaller fragments and has weak characteristic odor. Many of the flakes have a small brownish, oval spot, about 0.8 to 1.0mm long in the center. Material swells rapidly in water, forming a stiff mucilage.	Complies
A. Occasional single and 2- to 4-compound starch grant individual grains being spheroidal plano to angular from 2–10 µm in diameter, are found embedded mucilage. Entire or broken epidermal cells are fil mucilage. B. In surface view, the epidermal cells appear poly slightly rounded. Mucilage stains red with ruthenium and lead acetate TS. C. Some of the elongated and rectangular cells represed lower part of epidermis and also radially swollen experience.		B. In surface view, the epidermal cells appear polygonal to slightly rounded. Mucilage stains red with ruthenium red TS	Complies Complies
3.	Total ash	NMT 4.00 % w/w.	1.10 % w/w
4.	Acid insoluble ash	NMT 1.00 % w/w.	0.11 % w/w
5.	Loss on drying	NMT 12.00 % w/w.	7.50 % w/w
6.	Swell Volume	NLT 40.0 ml/ gm.	66 ml
7.	Light Extraneous Matter	NMT 1.00 % w/w.	0.40% w/w

	Analysis By	Checked By	Approved By	
Name	Ramesh Meena	Ray Singh	Dr Kapil Kumar	
Sign.	fund	loy ong	Quant	
Date	09/03/25	10/03/25	10/03/25	
Designation	QC Chemist	QA Execeitive	Quality Head	
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Batch Size:	12500	Analyzed By:	Ramesh Chand	
Product Code:	POW/95/60	Date of Analysis:	01/03/25	
Specification No.:	SPI/FPS/01(00)-04	Release Date:	10/03/25	
Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA	

8.	Purity	NLT	99.00 % w/w.	99.60% w/w		
9.	pH (1.0 % w/v solution)	Betwee	een 5.50 to 7.50	6.25		
10.	Foreign Smell / Test		None			
11.	Foreign Bodies (Stones, Glass & Metals)	None		Complies		
12.	Total consumable Fiber	NLT 85.0% w/w Complie				
13.	Eggs Larvae or Whole Insects	Absent		Complies		
14.	Insect infestation	NMT 100 fragments/ 25gm.		Complies		
15	Particle Size	a) NLT 70 % w/w should be retained on 30#		72.60 % w/w		
15.	Particle Size	b) NMT 2.0% should pass through 70#		1.10 % w/w		
16.	Microbial Contamination					
	Total Aerobic Microbial Count (TAMC) NMT 10000 cfu.		NMT 10000 cfu/gm	Complies		
	Total Yeast and Mold	Count (TYMC)	NMT 1000 cfu/gm	Complies		
	Pathogens					
	Escherichia Coli	Must be absent/gm Co		Complies		

	Analysis By	Checked By	Approved By	
Name	Ramesh Meena	Ray Singh	Dr Kapil Kumar	
Sign.	fund	loy ong	Quel	
Date	09/03/25	10/03/25	10/03/25	
Designation	QC Chemist	QA Execeitive	Quality Head	
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Product Code:	POW/95/60	Date of Analysis:	01/03/25	
Specification No.:	SPI/FPS/01(00)-04	Release Date:	10/03/25	
Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA	

	Salmonella Spp		Must be absent/ 25gm	Complies
	Psudomonas Aerugine	osa	Must be absent/gm	Complies
	Staphylococcus Aurer	ıs	Must be absent/gm	Complies
17.	Heavy Metals	0,1		
	Lead (As pb)		NMT 2 ppm	Complies
	Mercury (As Hg)		NMT 0.1ppm	Complies
	Arsenic (As As)		NMT 0.3 ppm	Complies
	Cadmium (As Cd)		NMT 0.5ppm	
18.	3. Other contamination and information			
	Allergens		Must be absent	Complies
	Ethylene Oxide (sum of ethylene oxide and 2-chloro-ethanol expressed as ethylene oxide)		Must be absent	Complies
	Aflatoxins B1		Must be absent	Complies
	Aflatoxins B1, B2, G	1, G2,	Must be absent	Complies
	Pesticide & mycotoxi	ns	As per USP-561 & EU 396/2005 (Meets Requirement)	Complies
	Certified		Kosher, Halal, FSSC 22000:2018, GMP, HACCP	Complies

	Analysis By	Checked By	Approved By
Name	Ramesh Meena	Ray Singh	Dr Kapil Kumar
Sign.	Gunde	loy ong	Woulf
Date	09/03/25	10/03/25	10/03/25
Designation	QC Chemist	QA Execeitive	Quality Head

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Batch Size:	12500	Analyzed By:	Ramesh Chand	
Product Code:	POW/95/60	Date of Analysis:	01/03/25	
Specification No.:	SPI/FPS/01(00)-04	Release Date:	10/03/25	
Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA	

Ionization	Not treated with Ionising radiation at any step during production. Also, no ingredient is used in the manufacturing process which has been treated with Ionising radiation.		
Regulation	European Pharmacopoeia/ United States Pharmacopoeia	Complies	
GMO	Psyllium Husk is the epidermis and outer coating obtained from the dried ripe seeds of the plant Plantago Ovata, which is not a Genetically Modified Organism (GMO).	Complies	
Vegan/ Vegetarian	Vegan/ Vegetarian Suitable for a Vegan and Vegetarian diet		
Storage	Store in well closed container away from moisture and secure against insect infestation.	Complies	
Packaging	25Kg – HDPE Brown laminated Paper Bags with inner poly liner 450Kg/ 950kg - Jumbo Bag made of circular coated PP woven, white colour fabric, UV stabilized.	Complies	
Shelf life	3 Years	Complies	
Packing size	Available in 25kg, 450kg, 950Kg	Complies	
Palletization	Available with wooden/ plastic palletization	Complies	
Nutritional Information (per 100gm)			

Calories/Nutrient	Amount		Comments
	Analysis By	Checked By	Approved By
Name	Ramesh Meena	Ray Singh	Dr Kapil Kumar
Sign.	fund	loy ong	Quel
Date	09/03/25	10/03/25	10/03/25
Designation	QC Chemist	QA Execeitive	Quality Head

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Batch Size:	12500	Analyzed By:	Ramesh Chand		
Product Code:	POW/95/60	Date of Analysis:	01/03/25		
Specification No.:	SPI/FPS/01(00)-04	Release Date:	10/03/25		
Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA		

	Energy	148.96 kcal	Complies
	Fat	0.5 g	Complies
	of which		
	Saturates	0 g	Complies
	Carbohydrate	85.60 g	Complies
	of which		
	Sugars	0 g	Complies
	Fiber	88.60 g	Complies
	Soluble Fiber	62.49 g	Complies
	Insoluble Fiber	23.11 g	Complies
	Protein	4.87 g	Complies
	Vitamins and Minerals		
	Calcium	307.75 mg	Complies
	Manganese	0.25 mg	Complies
	Sodium	130.87 mg	Complies
20.	Control Point		
	CCP-01	Sortex Machine	Complies
	CCP-02	Metal detector	Complies

	Analysis By	Checked By	Approved By	
Name			Dr Kapil Kumar	
Sign.	fund	lon ong	Wang	
Date	09/03/25	10/03/25	10/03/25	
Designation	QC Chemist	QA Execeitive	Quality Head	
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Product Code:	POW/95/60	Date of Analysis:	01/03/25		
Specification No.:	SPI/FPS/01(00)-04	Release Date:	10/03/25		
Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA		

	OPRP-01	De stoner	Complies				
21.	Metal detection level						
	Ferrous	1.8mm	Complies				
	Non Ferrous	2.0mm	Complies				
	Stainless steel	2.2mm	Complies				
22.	Regulatory certificate						
	FSSC 22000	Certified	Complies				
	ISO 22000:2018	Certified	Complies				
	ISO 9001:2015	Certified	Complies				
	SEDEX	Certified	Complies				
	Halal	Certified	Complies				
	GMP	Certified	Complies				
	НАССР	Certified	Complies				
	US FDA Registration	Certified	Complies				
	Kosher	Certified	Complies				
	FSSAI-India	Certified	Complies				
23.	Other information- Food Additives/	Dietary Information					
	Colours	None	Complies				

	Analysis By	Checked By	Approved By	
Name	Ramesh Meena Ray Singh		Dr Kapil Kumar	
Sign.	fund	loy ong	wang	
Date	09/03/25	10/03/25	10/03/25	
Designation	QC Chemist	QA Execeitive	Quality Head	
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Product Code:	POW/95/60	Date of Analysis:	01/03/25		
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Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA		

Complies

None

Preservatives

	Antioxidants		None		Complies
	Sweeteners	76	None		Complies
	Emulsifiers		None		Complies
	Stabilizers		None		Complies
	Thickeners		None		Complies
	Gelling agents		None		Complies
24.	Allergen statement				_
S. No.	Allergen	PRESENT IN PRODUCT	PROCESSED ON EQUIPMENTS	USED ON SITE	Comments
1	Cereals containing gluten, namely: wheat (such as spelt and khorasan wheat), rye, barley, oats or their hybridised strains, and products thereof;	NO	NO	NO	Complies
2	Crustaceans and products thereof;	NO	NO	NO	Complies

	Analysis By	Checked By	Approved By		
Name	Ramesh Meena				
Sign.	Gunge	loy ong	Wang		
Date	09/03/25	10/03/25	10/03/25		
Designation	QC Chemist	QA Execeitive	Quality Head		
EODMATNO 04020/E0100					

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Ref. STP No.:	SPI/STP/04 -01	Manufactured For:	NA	

3	Egg and products thereof;	NO	NO	NO	Complies
4	Fish and products thereof;	NO	NO	NO	Complies
5	Peanuts and products thereof;	NO	NO	NO	Complies
6	Soybeans and products thereof,	NO	NO	NO	Complies
7	Milk and products thereof (including lactose)	NO	NO	NO	Complies
8	Nuts, namely: almonds (Amygdalus communis L.), hazelnuts (Corylus avellana), walnuts (Juglans regia), cashews (Anacardium occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K. Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts (Pistacia vera), macadamia or Queensland nuts (Macadamia ternifolia), and products thereof, except for nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin;	NO	NO	NO	Complies

	Analysis By	Checked By	Approved By	
Name	Ramesh Meena	Ray Singh	Dr Kapil Kumar	
Sign.	fund	lon sug	Quel	
Date	09/03/25	10/03/25	10/03/25	
Designation	QC Chemist	QA Execeitive	Quality Head	
EODMAT NO : 0.0023/E01.00				

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9	Celery and products thereof	NO	NO	NO	Complies
10	Mustard and products thereof	NO	NO	NO	Complies
11	Sesame seeds and products thereof	NO	NO	NO	Complies
12	Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO2 which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers;	NO	NO	NO	Complies
13	Lupin and products thereof	NO	NO	NO	Complies
14	Molluses and products thereof	NO	NO	NO	Complies

Remark:-In the opinion of the under signed, the sample complies with respect to prescribed specification.

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.

	Analysis By	Checked By	Approved By	
Name	Ramesh Meena	Ray Singh	Dr Kapil Kumar	
Sign.	Grange	Jon song	Woulf	
Date	09/03/25	10/03/25	10/03/25	
Designation	QC Chemist	QA Execeitive	Quality Head	

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