



**TRIBE ORGANICS®**

*Master the Art of Living*

**ASHWAGANDHA  
KSM-66® VEGAN**



**FINAL PRODUCT**

### Ashwagandha KSM-66 90ct Capsule

Lot #: 210395354  
 Product ID: 10395  
 Lab Received Date: 13 January 2023  
 Lab Report Date: 18 January 2023  
 Product Size: 90 capsules  
 Serving Size: 2 capsules

Country of Manufacture: USA  
 Manufactured: January 2023  
 Expiration: January 2025

Physical	Method	Specifications	Results	UOM	Status
Average Product Weight	USP <2091>	650mg ±10%	663	mg	PASS
Weight Variation	VP USP <2090>	Average Weight ±20%	Conforms	N/A	PASS
Fill Appearance	Organoleptic	Free-flowing Powder	Conforms	N/A	PASS
Color	Organoleptic	Brown	Conforms	N/A	PASS
Capsule Size	Gauge	"0"	Conforms	N/A	PASS
Capsule Color	Organoleptic	Clear	Conforms	N/A	PASS
Disintegration	USP <701>	≤30 min	<30	min	PASS
Microbiology	Method	Specifications	Results	UOM	Status
Total Aerobic Plate Count	AOAC 990.12	≤10,000,000 cfu/g	<10,000	cfu/g	PASS
Total Yeast and Mold	AOAC 997.02	≤100,000 cfu/g	<10	cfu/g	PASS
Coliforms	AOAC 991.14	≤10,000 cfu/g	Absent	cfu/g	PASS
Escherichia coli	AOAC 991.14	Absent	Absent	cfu/g	PASS
Salmonella	AOAC 2014.01	Absent	Absent	cfu/10g	PASS
Active Ingredients					
Organic Ashwagandha KSM-66	By Input	≥90% of 600mg	612	mg	PASS
Inactive Ingredients:	Organic Tapioca Maltodextrin and Organic Pullulan (Capsule)				

\*All subcontract testing methods come from an ISO/IEC 17025:2017 accredited laboratory.



19 Jan 23

Analysis Completed by: Katherine Solis  
 QC Technician



19 Jan 23

Approved by: Sunil Kumar  
 Director of Quality

This product has been manufactured in accordance with all applicable local, state, and federal laws and regulations - including FDA 21CFR111 - and has been determined to meet its Finished Product Specifications (FPS) release criteria. This report is provided for the exclusive use of the addressee and the laboratory accepts no responsibility/liability except for the due performance of inspection and/or analysis in good faith. The above results relate only to the stated material. This includes any action of testing, calibrating, or sampling. This certificate shall not be reproduced except in full, without the written approval of Vitalpax.



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# INGREDIENT



## DEPARTMENT OF QUALITY CONTROL

CERTIFICATE OF ANALYSIS				
<b>Product Name:</b> KSM-66 Ashwagandha Root Extract-Vegan ( <i>Withania Somnifera</i> )		<b>Stability:</b> 3 Years from the date of manufacture. <b>Country of Origin:</b> India		
<b>Mfg Name:</b> Shri Kartikeya Pharma		<b>Address:</b> Plot No:S-18, TSIIC Ltd ,Polepally (V) Jadcherla (M) Mahaboobnagar. District 509301		
<b>Issued To:</b>				
Batch No:KSM/VG/22/S288 Mfg Date: June-2022 Exp Date: May-2025		Report No: SKP/288 Lab Ref No: QC/S288		
No.	Tests	Result	Limits (specification)	Method
1	<b>Description</b>	Light yellowish brown, Hygroscopic powder	Light yellowish brown, Hygroscopic powder	In-House
2	<b>Plant Part Used</b>	Roots	Roots	----
3	<b>Identification</b>	Five spots at Rf of 0.12,0.29,0.47,0.67 and 0.73	The test sample Rf value should match with the standard Rf value.	USP<621>
4	<b>Physico-chemical analysis</b>			
	Moisture Content (%)	3.23%	< 5.0	USP <921>
	Ash Content	5.27%	< 8.0	USP <281>
	Acid insoluble ash(%w/w)	2.38%	< 5.0	USP <281>
	pH of 5% w/v solution	4.59	4.0-6.5	USP <791>
5	<b>Particle Size</b>			
	Passing through 40 mesh Sieve	Complies	>95% (w/w)	USP <786>
	Passing through 80 mesh Sieve	Complies	>80% (w/w)	USP <786>
6	<b>Density</b>			
	Bulk density (g/cc)	0.58	0.2-0.6	USP <616>
	Tapped bulk density (g/cc)	0.78	0.4-0.8	USP <616>
7	<b>Heavy Metals</b>			
	Lead	BLQ	<0.5 ppm	AOAC/AAS
	Cadmium	BLQ	<0.5 ppm	AOAC/AAS
	Arsenic	BLQ	<1.5 ppm	AOAC/AAS
	Mercury	BLQ	<0.5 ppm	AOAC/AAS
8	<b>Microbiological analysis as per USP</b>			
	Total viable aerobic count	<10 <sup>3</sup> cfu/g	<10 <sup>4</sup> cfu/g	USP<2021>
	Total enterobacteriaceae	<10 cfu/g	<10 <sup>2</sup> cfu/g	USP<2021>
	Total fungal count	<10 <sup>2</sup> cfu/g	<10 <sup>3</sup> cfu/g	USP<2021>
9	<b>Test for specific pathogens</b>			
	E.Coli (1g)	Absent	Absent	USP<2022>
	Salmonella sp. (10g)	Absent	Absent	USP<2022>
	S.aureus (1g)	Absent	Absent	USP<2022>
10	<b>Aflatoxins (B<sub>1</sub>, B<sub>2</sub>, G<sub>1</sub>, G<sub>2</sub>)</b>	BLQ	<5ppb	AOAC
11	<b>Phyto-Chemical Analysis</b>			
	Total Withanolides (%w/w) by HPLC	5.44%	≥ 5%	In House
	(withaferin A) by HPLC	BDL	(<0.1%)	In House

BLQ-Below Limit of Quantification

LOQ- Limit of Quantification (Pb-0.05 mg/kg, Cd-0.01 mg/kg, As-0.01 mg/kg &amp; Hg-0.01 mg/kg)

The product complies with the above said specifications.

**Storage:** Store in original, sealed containers at room temperature. Avoid light and keep away from excessive humidity.

QC Analyst



QC Manager

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