



# Certificate of Analysis

<b>Customer:</b>	Swanson Health Products	<b>Lot #:</b>	010721179
<b>Product Number:</b>	31000803.01000M	<b>Revision:</b>	9
<b>Product Name:</b>	ASHWAKSM-5 - KSM-66 Ashwagandha 250mg Bulk Capsules		
<b>Manufacture Date:</b>	02/09/2021	<b>Expiration Date:</b>	02/09/2023
<b>Country of Origin:</b>	United States of America		
<b>Quantity Per Dose:</b>	1	<b>Dosage Form:</b>	Capsule
<b>Daily Dose:</b>	2	<b>Average Unit Weight:</b>	510 mg

Item Description	Active	Units
<b>Active Ingredients</b>		
KSM-66® Organic Vegan Ashwagandha (Withania somnifera) Root Extract 5% Withanolides	250	mg
<b>Inactive Ingredients</b>		
Rice (Oryza sativa cera) Bran		
Vegetable Capsule Size "1" (Hypromellose)		
Silica		
Magnesium Stearate		

Note: Active Ingredients were verified by UST Batch Quantification.

Physical Attributes	Specification	Units	Result	Units	Method
Color	Light Brown		Conforms		Organoleptic Analysis
Disintegration	≤ 30	min	13	min	USP <701>
<b>Microbiological</b>	<b>Specification</b>	<b>Units</b>	<b>Result</b>	<b>Units</b>	<b>Method</b>
Total Aerobic Plate Count	< 10,000	cfu/g	800	cfu/g	USP <2021>
Yeast & Mold	< 3,000	cfu/g	<10	cfu/g	USP <2021>
Escherichia coli	Negative	per 25 g	Negative	per 25 g	BAM <4>
Salmonella	Negative	per 25 g	Negative	per 25 g	USP <2022>
Staphylococcus aureus	Negative	per 25 g	Negative	per 25 g	USP <2022>
<b>Heavy Metal</b>	<b>Specification</b>	<b>Units</b>	<b>Result</b>	<b>Units</b>	<b>Method</b>
Lead (Pb)	< 2.75	µg/DD	0.10	µg/DD	ICP-MS USP <730>
Arsenic (As)	< 10	µg/DD	0.29	µg/DD	ICP-MS USP <730>
Cadmium (Cd)	< 4.1	µg/DD	0.02	µg/DD	ICP-MS USP <730>
Mercury (Hg)	< 3	µg/DD	< 0.01	µg/DD	ICP-MS USP <730>

Declaration: This lot has been manufactured, tested and packaged in compliance with applicable cGMPs.

  
Quality Control Manager

  
Date