

CERTIFICATE OF ANALYSIS- ORGANIC ASHWAGANDHA POWDER

Product Name	Organic Ashwagandha Powder	Plant Part(s) used	Root
Scientific Name	Withania Somnifera	Ingredient(s) Used	Organic Ashwagandha Powder
Supplier Name	Vallon FarmDirect Private Limited	Date of Receiving	December, 2024
Lot No./Batch Code	VFD/ORG/ASHP/L/24	Date of Analysis	December, 2024
Total Lot Quantity (Kg)	11940	Product Manufacturing	December, 2024
Incoming/Process/Finished	Finished	Product Expiry	December, 2027
Country of Origin	India	Authorized by COA Date	Ms. Diksha Shaw December, 2024

SL. NO.	PARAMETERS	SPECIFICATION	TEST RESULT	METHOD
1	Physical & Sensorial Parameter			
1.1	Appearance	Powder	Confirm	Visual
1.2	Color	Cream	Confirm	Visual
1.3	Taste	Characteristic	Confirm	Organoleptic
1.4	Sieve Analysis: (60 mesh and above)	98%	Confirm	Manual
1.5	Extraneous matter % Max	Nil	Nil	Manual
2	Chemical Parameter			
2.1	Moisture Content (% Max.)	10	3.9	Oven method
2.2	Total ash content (% Max.)	12	4.0	Oven Method
2.3	Total ash insoluble in dilute HCl, (%Max.)	3	0.21	Manual
2.4	Pesticide Residue including ETO	USDA, NOP regulation	Not Detected	IPAS/STP/C/01
2.5	Bulk Density (g/ml)	>0.5	0.54	ASTA 25.0
3	Microbial Parameter			
3.1	Total Bacterial Count (CFU/g) (Max.)	10 ⁶	3.4*10 ⁴	AOAC 990.12
3.2	Total Yeast and Mold Count (CFU/g) (Max.)	10 ⁴	<10	AOAC 2014.05
3.3	E. Coli (CFU/g) (Max.)	Absent	Absent	AOAC 991.14
3.4	Salmonella (in 25 g)	Absent	Absent	AOAC.2004.03
4	Heavy Metal Parameter			
4.1	Lead mg/kg (Max.)	1.0	0.27	STP FW080
4.2	Cadmium mg/kg (Max.)	1.0	0.06	STP FW080
4.3	Arsenic mg/kg (Max.)	1.0	0.11	STP FW080
4.4	Mercury mg/kg (Max.)	1.0	0.12	STP FW080
5	Steam Sterilization	Yes/No	Yes	

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<https://organic.ams.usda.gov/Integrity/CP/OPP?nopid=8150024594>

