

LILABA

ANALYTICAL LABORATORIES LLP

A COMPLETE FOOD & WATER TESTING LABORATORY

Report No. LAL-ASU-111225004

TEST REPORT

Page No. 1/3

Form 50 [160-D(f)]

License No. GATL/10

Issued To: MITHANI HERBAL INDUSTRIES 1st Floor, 3 Narnarayan Estate, Isanpur, Narol Ahmedabad - 382405	Sample Code : ASU-111225004 Issue Date : 18/12/2025 Your ref. : -
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PART A : PARTICULARS OF SAMPLES

1. Date of Receipt	: 11/12/2025	19. Batch No./Lot No	: N.M.
2. Analysis starting Date	: 11/12/2025	20. Date of Mfg.	: N.M.
3. Analysis completion Date	: 18/12/2025	21. Date of Expiry	: N.M.
4. Sample Drawn By	: Customer	22. Brand Name, If Any	: N.M.
5. Sampling Method	: N.A.	23. Party Mfg. License No.	: N.M.
6. Sampling Location	: N.A.	24. Original Manufacturer	: N.M.
7. Temp. at the time of Sampling	: N.A.		
8. Group Name	: Ayurvedic Products		
9. Sample Name	: Herbal Masala 100% Ayurved		
10. Description of the Sample	: -		
11. Sample Condition	: Received in Good Condition		
12. Temp. at the time of Sample Receipt	: 26.5°C		
13. Test Report As Per	: Ayurvedic pharmacopia of India		
14. Sample Qty. Received	: 1		
15. Any Other Information	: -		
16. Declared Value if any	: -		
17. Grade/Variety/Type/Class/Size/etc	: 500 gm		
18. Mode Of Packing	: Packed in Plastic Bag		


PART B : TEST RESULTS

Ayush Product

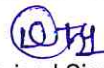
Biological Testing

Microbiological Parameters

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
1	Total Plate Count, cfu/gm	NMT 100000	10	410	Ayurvedic pharmacopia of India (Part-2) (vol.-2)
2	Total Fungal Count, cfu/gm	NMT 1000	10	<10	Ayurvedic pharmacopia of India (Part-2) (vol.-2)
3	E.coli / gm	Absent	-	Absent	Ayurvedic pharmacopia of India (Part-2) (vol.-2)
4	Salmonella/gm	Absent	-	Absent	Ayurvedic pharmacopia of India (Part-2) (vol.-2)
5	Staphylococcus aureus/ gm	Absent	-	Absent	Ayurvedic pharmacopia of India (Part-2) (vol.-2)
6	Pseudomonas aeruginosa /gm	Absent	-	Absent	Ayurvedic pharmacopia of India (Part-2) (vol.-2)

Reviewed By 
Ms. Dhara Savaliya (Sr. Analyst
Chemical) , Ms. Jetal Vyas (Sr.
Analyst Biological)




Authorised Sign
Mr. Dilip Kukadiya (T.M. Chemical)



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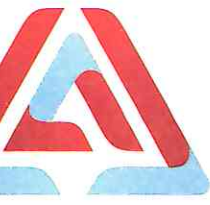
License No. GATL/10

Chemical Testing					
Chemical Parameters					
Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
7	Description	N.A.	-	It is a mixture of fine powder and chopped nut pieces	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2
8	Colour	N.A.	-	Light brown	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2
9	Odour	N.A.	-	Sweet spicy & earthy smell	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2
10	Loss on drying at 105 ° C, %	N.A.	2.00	5.75	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.2.8
11	Total Ash, %	N.A.	0.10	4.62	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.2.3
12	Acid insoluble ash, %	N.A.	0.10	0.28	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.2.4
13	Water Soluble extractive, %	N.A.	0.10	8.65	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.2.6
14	Alcohol Soluble extractive, %	N.A.	0.10	3.60	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.2.5
15	pH (1% aqueous extract)	N.A.	2.00	5.11	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 3, Method 3.3
Chemical Testing					
Metal contaminant					
Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD

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16	Lead (as Pb), mg/kg	Max. 10.0	0.50	0.66	LAL/CHEM/SOP/PCA/1 3
17	Cadmium (as Cd) , mg/kg	Max. 0.30	0.05	0.13	LAL/CHEM/SOP/PCA/1 3
18	Mercury (as Hg), mg/kg	Max. 1.00	0.05	BLQ	LAL/CHEM/SOP/PCA/1 4
19	Arsenic (as As), mg/kg	Max. 3.00	0.05	0.49	LAL/CHEM/SOP/PCA/1 4

REMARKS :

In the opinion of the undersigned, the sample referred to above is of standard quality/is not of standards quality as defined in the Act for above tested parameters only. Consider " Right Sign " Remark For Final Opinion

NOTE :

Please Refer Overleaf

END OF THE TEST REPORT

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Ms. Dhara Savaliya (Sr. Analyst
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17. Grade/Variety/Type/Class/Size/etc	: 500 gm		
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PART B : TEST RESULTS

Ayush Product

Chemical Testing

Chemical Parameters

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
1	Nicotine, mg/kg	N.A.	0.10	BLQ	By GC FID
2	Tobacco, %	N.A.	0.10	BLQ	By GC FID
3	Magnesium Carbonate, mg/kg	N.A.	0.50	BLQ	BY ICP-OES
4	Calcium Carbonate, mg/kg	N.A.	0.10	BLQ	BY ICP-OES

Chemical Testing

Crop contaminants

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
5	Total Aflatoxin, µg/kg	Max. 2.00	0.005	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4)

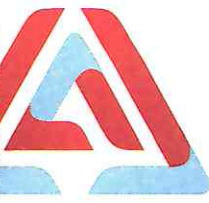
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					Appendix- 2, Method 2.6
6	Aflatoxin B1, µg/kg	Max. 5.00	0.005	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.6
7	Aflatoxin B2, µg/kg	N.A.	0.005	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.6
8	Aflatoxin G1, µg/kg	N.A.	0.005	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.6
9	Aflatoxin G2, µg/kg	N.A.	0.005	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.6

Chemical Testing

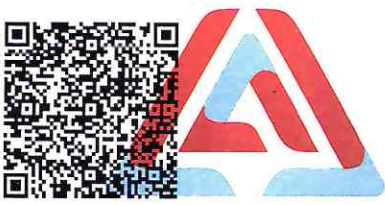
Pesticide Residues

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
10	Carbendazim, mg/kg	N.A.	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
11	Dinocap, mg/kg	N.A.	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
12	Imidacloprydine, mg/kg	N.A.	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
13	Alachlor, mg/kg	Max. 0.02	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
14	Aldrin and Dieldrin, mg/kg	Max. 0.05	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
15	Azinphos-methyl, mg/kg	Max. 1.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
16	Bromopropylate, mg/kg	Max. 3.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
17	Chlordane (cis, trans & Oxythlordane), mg/kg	Max. 0.05	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5

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18	Chlorfenvinphos, mg/kg	Max. 0.50	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
19	Chlorpyrifos, mg/kg	Max. 0.20	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
20	Chlorpyrifos methyl, mg/kg	Max. 0.10	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
21	Cypermethrin (and isomers), mg/kg	Max. 1.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
22	DDT (sum of p,pn-DDT, O,PN-DDT, p,p-DDE and p,pn-TDE), mg/kg	Max. 1.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
23	Deltamethrin, mg/kg	Max. 0.50	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
24	Diazinon, mg/kg	Max. 0.50	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
25	Dichlorvos (DDVP), mg/kg	Max. 1.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
26	Dithiocarbamates (as Cs ₂), mg/kg	Max. 2.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
27	Endosulfan (sum of isomers and endosulfan sulphate), mg/kg	Max. 3.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
28	Endrin, mg/kg	Max. 0.05	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
29	Ethion, mg/kg	Max. 2.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
30	Fenitration, mg/kg	Max. 0.50	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
31	Fenvalerate, mg/kg	Max. 1.50	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
32	Fonofos, mg/kg	Max. 0.05	0.010	BLQ	Ayurvedic pharmacopia

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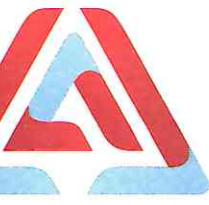
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					of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
33	Heptachlor (sum of heptachlor and heptachlor epoxide), mg/kg	Max. 0.05	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
34	Hexachlorobenzene, mg/kg	Max. 0.10	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
35	Hexachlorocyclohexane isomers (other than gamma), mg/kg	Max. 0.30	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
36	Lindane (gamma - hexachlorocyclohexane), mg/kg	Max. 0.60	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
37	Malathion, mg/kg	Max. 1.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
38	Methidathion, mg/kg	Max. 0.20	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
39	Parathion, mg/kg	Max. 0.50	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
40	Parathion methyl, mg/kg	Max. 0.20	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
41	Permethrin, mg/kg	Max. 1.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
42	Phosalone, mg/kg	Max. 0.10	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
43	Piperonyl butoxide, mg/kg	Max. 3.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
44	Pirimiphos-methyl, mg/kg	Max. 4.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
45	Pyrethrins (Sum of), mg/kg	Max. 3.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4) Appendix- 2, Method 2.5
46	Quintozone (Sum of quintozone pentachloroaniline and methyl)	Max. 1.00	0.010	BLQ	Ayurvedic pharmacopia of India (Part-2) (vol.-4)

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pentachlorophenyl sulphide), mg/kg			Appendix- 2, Method 2.5
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REMARKS :

In the opinion of the undersigned, the sample referred to above is of standard quality/is not of standards quality as defined in the Act for above tested parameters only. Consider " Right Sign " Remark For Final Opinion

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