



AGSS ANALYTICAL AND RESEARCH LAB (P) LTD.

(Accredited as per ISO/IEC 17025 : 2017, Recognised by FSSAI, MoEF&CC and Directorate of Ayush)

C-37/2, 2nd, 3rd & 4th Floor, Lawrence Road, Industrial Area, Delhi-35

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CIN : U73200DL2016PTC300483 GST : 07AAOCA4142Q1Z6

Format No.: AGSS/CSF-024 Certificate No. TC-14844

TEST REPORT

Page No.: 1 of 1

Issued to : M/s. Kutushol Agroforestry LLP VIP Enclave 3, Anand Vihar, Flat No. 301, Raghunathpura, North 24 Parganas, Kolkata-700059	ULR No. : TC148442500016666F Report No. : AGSS/NP/25081200003 Sample Issue Date : 12/08/2025 Report Issue Date : 21/08/2025
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Name of The Product	: Moringa Powder	Sample Received Date	: 12/08/2025
Product Description	: Green colour powder	Analysis Starting Date	: 12/08/2025
Batch No./Lot No.	: NA	Analysis Completion Date	: 21/08/2025
Date of Manufacturing	: Not specified	Date of Sampling	: -
Date of Expiry	: Not specified	Quantity Received	: 200gm
Packing Condition	: Sealed Pack	Environment Condition	: Ok
Location	: NA	Sampling Method	: NA
Sample Received / Collected By	: Courier	Sampling By	: NA
Testing Required	: Chemical Test		
Others specification	: NA		

TEST RESULT

S.No.	Test Parameters	Units	Result	Requirement	Method of Testing
Chemical Parameters:-					
1	Energy	Kcal/100g	363.49	-	AGSS/CHEM-FOOD/SOP-013
2	Protein (N x 6.25)	g/100g	27.70	-	IS:7219:1973
3	Carbohydrate	g/100g	48.03	-	IS:1656:2022
4	Total Sugar	g/100g	BLQ(1.0)	-	AGSS/CHEM-FOOD/SOP-014
5	Calcium	mg/100g	1839.06	-	AOAC:985.35, 22nd Edition 2023
6	Sodium	mg/100g	269.26	-	IS:9497:1980
7	Total Fat	g/100g	6.73	-	IS:12711:1989
8	Dietary Fiber	g/100g	22.74	-	AOAC:985.29, 22nd Edition 2023
9	Vitamin C	mg/100g	20.62	-	IS:5838:1970
10	Potassium	mg/100g	1396.36	-	IS:9497:1980
11	Iron	mg/100g	26.75	-	AGSS/CHEM/SOP-ICPMS/26

Remarks :

Note: 1) BLQ=Below Limit of Quantification. 2) Figure in bracket indicate limit of quantification

End of Report

P/25081200003-1



Imran Asif

Section In Charge (Food)

Checked by

Umesh Kumar

Technical Manager

Checked by

Dr Shival Singh
Director Technical
Authorized Signatory

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Certificate No. TC-14844

CIN : U73200DL2016PTC300483 GST : 07AAOCA4142Q1Z6

Format No.: AGSS/QSP-024

TEST REPORT

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Issued to : M/s. Kutushol Agroforestry LLP VIP Enclave 3, Anand Vihar, Flat No. 301, Raghunathpura, North 24 Parganas, Kolkata-700059	ULR No. : TC148442500016817F Report No. : AGSS/NP/25081200002 Sample Issue Date : 12/08/2025 Report Issue Date : 23/08/2025
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Name of The Product	: Moringa Powder	Sample Received Date	: 12/08/2025
Product Description	: Green colour powder	Analysis Starting Date	: 12/08/2025
Batch No./Lot No.	: NA	Analysis Completion Date	: 23/08/2025
Date of Manufacturing	: Not specified	Date of Sampling	: -
Date of Expiry	: Not specified	Quantity Received	: 400gm
Packing Condition	: Sealed Pack	Environment Condition	: Ok
Location	: NA	Sampling Method	: NA
Sample Received / Collected By	: Courier	Sampling By	: NA
Testing Required	: Chemical & Microbiological Test		
Others specification	: NA		

TEST RESULT

S.No.	Test Parameters	Units	Results	Requirement as per FSSR 2011	Method of Testing
Chemical Parameters:-					
1	Description	-	Green colour powder free from any foreign matter	-	AGSS/CHEM-FOOD/SOP-001
2	Moisture	%	9.45	-	IS:16072:2012
3	Total Ash	%	8.09	-	IS:14433:2022
4	Acid Insoluble Ash	%	0.061	-	IS:14433:2022
Heavy Metals:-					
5	Lead (as Pb)	mg/kg	BLQ(0.05)	2.5 Max	AGSS/CHEM/SOP/ICP-MS/26
6	Copper (as Cu)	mg/kg	1.12	30.0 Max	AGSS/CHEM/SOP/ICP-MS/26
7	Arsenic (as As)	mg/kg	BLQ(0.05)	1.1 Max	AGSS/CHEM/SOP/ICP-MS/26
8	Tin (as Sn)	mg/kg	BLQ(0.05)	250.0 Max	AGSS/CHEM/SOP/ICP-MS/26
9	Cadmium (as Cd)	mg/kg	BLQ(0.05)	1.5 Max	AGSS/CHEM/SOP/ICP-MS/26
10	Mercury (as Hg)	mg/kg	BLQ(0.05)	1.0 Max	AGSS/CHEM/SOP/ICP-MS/26
Crop Contaminants:-					
11	Total Aflatoxins (B1+B2+G1+G2)	µg/kg	BLQ(1.0)	-	AGSS/CHEM/SOP/AFL/12

P/25081200002-1



Imran Asif
Section In Charge (Food)
Checked by

Sooraj Gautam
Microbiologist
Authorized Signatory

Dr Shival Singh
Director Technical
Authorized Signatory

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S.No.	Test Parameters	Units	Results	Requirement as per FSSR 2011	Method of Testing
12	Aflatoxins B1	µg/kg	BLQ(1.0)	-	AGSS/CHEM/SOP/AFL/12
Other Contaminants:-					
13	Melamine	mg/kg	BLQ(0.5)	2.5 Max	AGSS/CHEM/SOP/HPLC/11
Pesticide Residue:-					
14	Aldrin	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
15	Carbaryl	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
16	Carbendazim	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
17	Deltamethrin	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
18	Dichlorvos	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
19	Dieldrin	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
20	Ethion	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
21	Fenitrothion	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
22	Lindane	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
23	Malathion	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
24	Pirimiphos-methy	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
25	Benomyl	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
26	Carbofuran	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
27	Cis- Chlordane	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
28	Trans- Chlordane	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
29	Chlordane alfa	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
30	Chlordane gamma	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
31	Chlorfenvinphos	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
32	Chlorpyrifos	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
33	Cypermethrin	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
34	Diazinon	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
35	Dithiocarbamate as CS2	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
36	Fenthion	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22

P/25081200002-2



Imran Asif
Section In Charge (Food)
Checked by

Sodraj Gautam
Microbiologist
Authorized Signatory

Dr Shival Singh
Director Technical
Authorized Signatory

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S.No.	Test Parameters	Units	Results	Requirement as per FSSR 2011	Method of Testing
37	Heptachlor	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
38	Monocrotophos	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
39	Phenthoate	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
40	Phorate	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
41	Phosphamidon	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
42	Thiometon	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
43	Trichlorfon	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
44	Pyrethrin	mg/kg	BLQ(0.01)	0.01 Max	AGSS/CHEM/SOP/PEST/22
Microbiological Parameters:-					
45	Aerobic Plate Count	cfu/gm	690	10000 Max	IS:5402(P-1): 2021
46	Yeast and mould count	cfu/gm	<10	100 Max	IS:5403:1999
47	S.aureus (coagulase +ve)	cfu/gm	<10	-	IS:5887(P-8)Sec-1:2023
48	Enterobacteriaceae	cfu/gm	<10	100 Max	IS:17112(P-2):2019
49	Bacillus cereus	cfu/gm	<10	-	IS:5887(P-6):2012
50	Sulphite reducing clostridia	cfu/gm	<10	-	ISO 15213(P-1):2023
51	Salmonella	/25gm	Absent	Absent	IS:5887(P-3)Sec-1:2020

Remarks : The tested sample conforms as per FSSR 2011, with respect to above test only.

Note: 1) BLQ=Below Limit of Quantification. 2) Figure in bracket indicate limit of quantification.

End of Report

P/25081200002-3



Imran Asif
Section In Charge (Food)
Checked by

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Microbiologist
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Format No.: AGSS/QS/F-024

CIN : U73200DL2016PTC300483

TEST REPORT

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Name of The Product : Moringa Powder
Product Description : Green colour powder
Batch No./Lot No. : NA
Date of Manufacturing : Not specified
Date of Expiry : Not specified
Packing Condition : Sealed Pack
Location : NA
Sample Received / Collected By : Courier
Testing Required : Chemical & Microbiological Test
Others specification : NA

Sample Received Date : 12/08/2025
Analysis Starting Date : 12/08/2025
Analysis Completion Date : 23/08/2025
Date of Sampling : -
Quantity Received : 400gm
Environment Condition : Ok
Sampling Method : NA
Sampling By : NA

TEST RESULT

S.No.	Test Parameters	Units	Results	Requirement as per FSSR 2011	Method of Testing
Heavy Metals:-					
1	Methyl Mercury (calculated as element)	mg/kg	BLQ(0.05)	0.25 Max	AGSS/CHEM/SOP/ICP-MS/26

Remarks : The tested sample conforms as per FSSR 2011, with respect to above test only.
Note: 1) BLQ=Below Limit of Quantification. 2) Figure in bracket indicate limit of quantification.

End of Report

P/25081200002/N-1



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