Kulkarni LABORATORY

KULKARNI FOOD AND WATER TESTING LABORATORY PVT LTD
Address : 1st Floor, Sawali Prestige building, Opp. Sawali Dhaba, Nanded Phata, Sinhgad Road, Pune-411041.
Mobile : 8975254941 / 9763050611 / 8308778129
Emai : kulkarnilabfoodwater@gmail.com

TC-15902

ULR NO: TC1590226100001255F

Rep. No :KL/F/26-1407 **TEST REPORT** **Date : 06.04.2026**

Customer Name & Address:
Mohor Superfoods
Gat No. 252, Village Sangavi BK, Nasrapur Velhe Road, Taluka Bhor, Dist Pune 412213

Page - 1 of 1

Sample Name : **Spirulina Algae Powder**
Botanical Name Arthrospira platensis

a) Sample given by: Customer
b) Sample Packaging condition: sealed packaging without any leaks
c) Sample Qty received : 500 gm

d) Sample Received Date : 27.03.2026

e) Duration of analysis : 27.03.2026 – 01.04.2026

Discipline : Biological , Group : Food & Agriculture
Microbiological Analysis :

Sr. No.	Test Parameters	Results	Method of Analysis
1.	Total Plate Count	5 x 10^4 CFU/g	IS 5402 part 1
2.	S. aureus	Absent/g	IS 5887-part 2
3.	Coliforms	<10 CFU/g	IS 5401-part 1
4.	E.coli	Absent/g	IS 5887-part 1
5.	Yeast & Mould	<10 CFU/g	IS 5403
6.	Salmonella	Absent/25 g	IS 5887-part 3

CFU/g: Colony Forming Unit Per g.

Analyzed by
Rohini Jinkale

PUNE - 41

Reviewed by & Authorized Signatory
Bhagyashri Auti
Technical Manager (Biological)

End

Declaration :
- "Sample Withdrawal" is not covered under KL activity.
- Above analysis result is pertain to only sample recieved in laboratory, without any bias to its source.
- We claim no responsibility for changes made in the report after dispatch.
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Sample Name: **Spirulina Algae Powder**
Botanical Name Arthrospira platensis

a) Sample given by: Customer
b) Sample Packaging condition: sealed plastic bag packaging without leaks
c) Sample Qty received : 500 gm

d) Sample Received Date: 27.03.2026
e) Duration of analysis: 27.03.2026 - 06.04.2026

Discipline : Chemical Group: Food & Agricultural Products

Sr. No.	Test Parameters	Unit	Result	Test Method
A.	**Nutrient Value**			
1.	Moisture	%	7.31	KL/ STP/Fch/02
2.	Total Ash	%	8.09	KL/ STP/Fch/03
3.	Fat	%	0.63	KL/ STP/Fch/04
4.	Protein	%	62.29	IS 7219
5.	Total Carbohydrates	%	21.68	KL/ STP/Fch/07
6.	Energy	K Cal per 100gm	341.5	KL/ STP/Fch/08
7.	Total Sugar	%	<0.5	KL/ STP/Fch/09
B.	**Physical Parameters**			
1.	Colour	-	Dark Blue green colour	-
2.	Odour	-	Characteristic mild seaweed or earthy, fishy marine odour	-
3.	Bulk Density	gm/cc	0.73	FSSAI Manual
4.	Insect Particles	-	Not detected	FSSAI Manual

* percent is equivalent to gm / 100 gm,

Reviewed by
Shruti Tambe (Chemical)

KULKARNI FOOD AND WATER TESTING LABORATORY PUNE - 411

Authorized Signatory

Technical Manager (Chemical)
Rupali Kadam

End

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Rep. No: KL/F/26-1407	**TEST REPORT**	**Date : 06.04.2026**
Customer Name & Address:- **Mohor Superfoods** **Gat No. 252, Village Sangavi BK, Nasrapur Velhe Road, Taluka Bhor, Dist Pune 412213**	Page - 2 of 2 Sample Name: **Spirulina Algae Powder** **Botanical Name Arthrospira platensis**	
f) Sample given by: Customer g) Sample Packaging condition: sealed plastic bag packaging without leaks h) Sample Qty received : 500 gm	i) Sample Received Date: 27.03.2026 j) Duration of analysis: 27.03.2026 - 06.04.2026	

Discipline : Chemical Group: Food & Agricultural Products

Sr. No.	Test Parameters	Unit	Result	Test Method
C.	**Heavy Metals**			
A	Copper as Cu	mg/kg	<0.1	KL/STP/Fch/11
B	Nickel as Ni	mg/kg	<0.1	KL/STP/Fch/11
C	Zinc as Zn	mg/kg	20.10	KL/STP/Fch/11
D	Iron as Fe	mg/kg	392.6	KL/STP/Fch/11
E	Cadmium as Cd	mg/kg	<0.1	KL/STP/Fch/11
F	Chromium as Cr	mg/kg	<0.1	KL/STP/Fch/11
G	Lead as Pb	mg/kg	<0.1	KL/STP/Fch/11
H	Mercury as Hg	mg/kg	<0.1	KL/STP/Fch/11
I	Arsenic as As	mg/kg	<0.1	KL/STP/Fch/11

* percent is equivalent to gm / 100 gm,

Reviewed by
Shruti Tambe (Chemical)

PUNE - 41

Authorized Signatory

Technical Manager (Chemical)
Rupali Kadam

End of report

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