



Test Report

SAMPLE NOT DRAWN BY SGS INDIA PVT. LTD.

Report No : CG18-009369.001

Print Date : 30/05/2018

JOE No : CG18-009369

Report Control No : CGR0000889378

Sample described by customer as : SPIRULINA

Customer Name : PROLGAE SPIRULINA SUPPLIES
PVT LTD
Customer Address : PETHANKOTTAI VILLAGE,
: ARAVAKURUCHI TOWN,
City : KARUR,
Postal Code : 639 109
State : TAMIL NADU,
Country : INDIA
Sample Type : SPIRULINA
Received : 22/05/2018
Sample Qty. Recd. : 700G
Batch No. : PSS2018
Mfg Date : MAY 2018
Best Before : 24 MONTHS
Test Start : 22/05/2018
Test End Date : 30/05/2018

Test/Parameter	Method	Result	Unit
Crude protein	AOAC 2001.11	61.87	g /100 g
Total Ash	IS 4684 : 1975	7.17	g /100 g
Phycocyanin	SO-CHML-CTS-C01-QU-046	16.88	g /100 g
Carotene	AOAC 970.64	0.73	g /100 g
Chlorophyll	AOAC 942.04	0.52	g /100 g
C16:0 Palmitic Acid	ISO 5508 :1990 & 5509 : 2000	1.59	g /100 g
C18:0 Stearic Acid	ISO 5508 :1990 & 5509 : 2000	0.09	g /100 g
C18:1 Oleic Acid	ISO 5508 :1990 & 5509 : 2000	0.26	g /100 g
C18:2 Lenoleic acid	ISO 5508 :1990 & 5509 : 2000	0.79	g /100 g
C18:3n3 α , Linolenic acid	ISO 5508 :1990 & 5509 : 2000	0.49	g /100 g
C18:3n6, γ Linolenic acid	ISO 5508 :1990 & 5509 : 2000	0.58	g /100 g
C18:3 (Sum of 3n3 and 3n6), Linolenic acid	ISO 5508 :1990 & 5509 : 2000	1.07	g /100 g
Lead (as Pb)	SO-IN-MUL-TE-063A by ICP-MS	0.17	mg/kg
Cadmium (as Cd)	SO-IN-MUL-TE-063A by ICP-MS	0.06	mg/kg
Arsenic (as As)	SO-IN-MUL-TE-063A by ICP-MS	BLQ (LOQ : 0.05)	mg/kg
Mercury (as Hg)	SO-IN-MUL-TE-063A by ICP-MS	BLQ (LOQ : 0.01)	mg/kg
Calcium (as Ca)	SO-IN-MUL-TE-063 by ICPOES	519.95	mg/100g
Iron (as Fe)	SO-IN-MUL-TE-063 by ICPOES	92.51	mg/100g
Magnesium (as Mg)	SO-IN-MUL-TE-063 by ICPOES	834.56	mg/100g

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For any feedback or complaint please write to us at feedback.mchennai@sgs.com.

SGS India Pvt. Ltd.

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Member of the SGS Group (SGS SA)

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Phosphorous (as P)	SO-IN-MUL-TE-063 by ICPOES	1150.69	mg/100g
Sodium (as Na)	SO-IN-MUL-TE-063 by ICPOES	206.42	mg/100g
Potassium (as K)	SO-IN-MUL-TE-063 by ICPOES	876.73	mg/100g
Vitamin B1	SO-IN-MUL-TE-008 by HPLC	BLQ(LOQ : 0.25)	mg/100g
Vitamin B2	SO-IN-MUL-TE-008 by HPLC	BLQ(LOQ : 0.25)	mg/100g
Vitamin B3	SO-IN-MUL-TE-008 by HPLC	7.08	mg/100g
Vitamin B6	SO-IN-MUL-TE-008 by HPLC	BLQ(LOQ : 0.25)	mg/100g
Folic acid	By Ridascreen ELISA kit	2320.486	µg/kg
Vitamin B12	By Ridascreen ELISA kit	20.067	µg/kg
Vitamin A	SO-IN-MUL-TE-012 by HPLC	BLQ (LOQ : 15.0)	µg/100g
Vitamin E	SO-IN-MUL-TE-014 by HPLC	14.52	mg/100g
Total plate count	ISO 4833 - Part 1 2013	300	cfu/g
Yeast & Mould count	ISO 21527 (Part 2) : 2008	60	cfu/g
Escherichia coli	ISO 16649 (Part 2) : 2001	Absent	cfu/g
Salmonella spp	ISO 6579-2017	Absent	per 25g

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M Elaiyaperumaal
Authorized Signatory



A_Vijayalakshmi
Authorized Signatory

****End of Report****