

TEST REPORT



Test Report No. BLR/F(C/M)/23/013140
Dated 2023-05-31

Issued to : NUTRICAA LIMITED.
Koltapara, (Mymensingh - Bhoirab Road),
Nondigram, Douhakhola
Gouripur, Mymensingh,
Bangladesh - 2270.

Attention : Mr. Ahmed Amin,

Customer Ref. No. : Letter,

Sample Particulars

Sample Name : Optima (Food/Beverage For special dietary use)

Sample No. : BLR/F(C/M)/23/013140

Batch No. / Lot No. / Mfg. Date / Best Before Date : Batch No: OC/01 | Mfg. Date : 05.May.2023 | Exp. Date: 04.Nobember.2023

Sample Package / Quantity : Sealed Aluminium Foil Pack : 200 gm X 04 Numbers

Sampled by : Customer

Sampling Location : Not Applicable

Sampling Protocol : Not Applicable

Sample Condition : Received in Good Condition

Date of Sample Receipt : 2023-05-15

Date of Analysis : 2023-05-16

Date of Completion : 2023-05-31

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link- <https://www.tuvsud.com/en-in/terms-and-conditions>

Note: For any technical query, please contact . V G Ramesh at Ramesh.Vg@tuv-sud.in and for any complaint please contact .Arun George at arun.george@tuvsud.com

Note: (1) The results relate only to the items tested, (2) the test report shall not be reproduced except in full without the written approval of the laboratory (3) For details of the accredited scope, please contact laboratory or accreditation body website. (4) The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/Email is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same.

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TEST RESULTS

Microbiology					
1.	Coliform Count	cfu/g	-	< 10	ISO 4832 : 2006
2.	Total Plate Count	cfu/g	-	< 10	ISO 4833 - 1 : 2013
3.	Yeast & Mould Count	cfu/g	-	< 10	ISO 21527 - 2 : 2008

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Heavy Metals					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Arsenic as As	mg/kg	0.1	BLQ	LAB_P_SOP_221

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Heavy Metals					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Cadmium as Cd	mg/kg	0.1	BLQ	LAB_P_SOP_221

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Heavy Metals					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Copper as Cu	mg/kg	2	15.39	LAB_P_SOP_221

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Heavy Metals					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Lead as Pb	mg/kg	0.4	BLQ	LAB_P_SOP_221

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Heavy Metals					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Tin as Sn	mg/kg	2	BLQ	Lab_P_SOP_221

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Toxins					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Total Aflatoxins (B1, B2, G1, G2)	µg/kg	1	1.75	LAB_P_SOP_217

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Toxins					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Ochratoxin A	µg/kg	3	Not Detected	Lab_P_SOP_297

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Nutrition & Vitamins					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
1	Protein	(Nx6.25), g/100g	-	28.3	IS 7219 :1973
2	Total Fat	g/100 g	-	22.0	IS 12711 : 1989
3	Carbohydrates	g/100 g	-	39.5	IS 1656 : 2022
4	Dietary Fiber	g/100 g	-	6.9	AOAC 991.43, Chapter 32, 21st Edition : 2019
5	Energy	Kcal/100 g	-	469.0	LAB_P_SOP_239
6	Saturated Fatty Acids	g/100 g	-	5.29	AOAC 996.06, Chapter 41, 21st Edition : 2019
7	Total Sugar	g/100 g	-	17.2	FSSAI Manual for Analysis of Beverages (Coffee, Tea, Cocoa, Chicory), Sugar and Sugar Products and Confectionery Products A 10 : 2015
8	Trans Fat	g/100g	0.1	BLQ	AOAC 996.06, Chapter 41, 21st Edition : 2019
9	Vitamin A	mcg/100g	-	957.2	Lab_P_SOP_182
10	Vitamin D	mcg/100g	10	BLQ	LAB_P_SOP_182
11	Vitamin E	mg/100g	-	0.31	LAB_P_SOP_224
12	Vitamin B12 - Cyanocobalamin	mcg/100g	0.5	BLQ	LAB_P_SOP_180
13	Vitamin B9 - Folic Acid	mcg/100g	-	7.81	LAB_P_SOP_180
14	Vitamin C	mg/100g	0.1	BLQ	LAB_P_SOP_64
15	Cholesterol Content	mg/100g	-	7.4	LAB_P_SOP_230
16	Vitamin K.	mcg/100g	-	27.8	LAB_P_SOP_365
17	Vitamin B1 - Thiamine	mg/100g	-	0.667	LAB_P_SOP_272
18	Vitamin B2 - Riboflavin	mg/100g	-	0.741	LAB_P_SOP_272
19	Vitamin B3 - Niacin	mg/100g	-	0.789	LAB_P_SOP_272
20	Vitamin B5 - Pantothenic Acid	mg/100g	-	0.501	LAB_P_SOP_180
21	Vitamin B6 - Pyridoxine	mg/100g	-	0.471	LAB_P_SOP_272

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Nutrition & Vitamins					
Sr.No.	Parameter	Unit	LOQ	Result	Test Method
2 2	Sodium as Na	mg/100g	-	153.2	Lab_P_SOP_416
2 3	Calcium as Ca	mg/100g	-	291.7	Lab_P_SOP_416
2 4	Iron as Fe	mg/100g	-	0.14	Lab_P_SOP_416
2 5	Magnesium	mg/100g	-	137.2	LAB_P_SOP_221
2 6	Manganese as Mn	mg/100g	-	8.37	Lab_P_SOP_416
2 7	Potassium as K	mg/100g	-	1271.0	LAB_P_SOP_416
2 8	Selenium as Se	mcg/100g	-	256.97	Lab_P_SOP_221
2 9	Zinc as Zn	mg/kg	1.0	2.5	LAB_P_SOP_416

NOTE: Unless otherwise agreed upon, Pass or Fail or Statement of compliance verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account, it might happen that measured values can neither be assessed as Pass nor as Fail.

Authorized By

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(Senior Analyst)

Authorized By

Ravi Negalur
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Authorized By

Indushree S
(Analyst)

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