



ELRC

ESSAR LABORATORIES & RESEARCH CENTRE

GOVT. OF INDIA
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ISO 9001 : 2015 CERTIFIED



#36, SUVIDHA COLONY, KESHWAPUR, HUBLI - 580023 (KARNATAKA)
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WATER ANALYSIS TEST REPORT

Page 1 of 1

Client : KAIZEN EDUPLUS SOCIETY'S INSTITUTE OF EXCELLENCE IN MANAGEMENT SCIENCE (IEMS)	Certificate No. : ESSAR/8177 Date of Sampling : 21/05/2024 Date of Analysis : 22/05/2024 Ref No : Verbal:21/05/2024
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Sample details : Water sample as submitted by the party : Water Sample.
Test Device Details : Instrumental, Volumetric & Gravimetric
Source at : Hubli.
Procedure Used : IS:3025 APHA-AWA

Sl. No.	PARAMETER	Units	Test Method	Result	Requirement as per IS 10500:2012	
					Acceptable Limit	Permissible Limit
1.	Colour(Hezen)	--	IS 3025 (Part 4) 1983	0.2	5	15
2.	Odour	--	IS: 3025(Part 6)-1983	Agreeable	Agreeable	Agreeable
3.	Taste	--	IS: 3025(Part 7&8)	Agreeable	Agreeable	Agreeable
4.	Turbidity	NTU	IS: 3025(Part 10)-1984	0.4	1	5
5.	Hydrogen ion concentration(pH)	--	IS: 3025(Part 11)-1983	7.2	6.5 to 8.5	No Relaxation
6.	Electric Conductivity (EC)	µS/cm	IS 3025 (part 14)-1984	270	--	--
7.	Total Dissolved Solids (TDS)	mg/l	IS 3025 (part 16)-1984	162	500	2000
8.	Total Hardness(TH)	mg/l	IS 3025 (part 21)	120	200	600
9.	Calcium (Ca ⁺⁺)	mg/l	IS 3025 (part 40)-1991	26.6	75	200
10.	Magnesium(Mg ⁺⁺)	mg/l	IS 3025 (part 46)-1994	11.1	30	100
11.	Chloride(Cl ⁻¹)	mg/l	IS 3025 (part 32)-1998	40	250	1000
12.	Fluoride(F ⁻¹)	mg/l	IS 3025 (part 60)-2008	0.3	1.0	1.5
13.	Sulphate(SO ₄ ⁻²)	mg/l	IS: 3025(Part 24)-1986	7.2	200	400
14.	Nitrates(NO ₃ ⁻¹)	mg/l	IS: 3025(Part 34)-1988	3.6	45	No Relaxation
15.	Iron(Fe)	mg/l	IS: 3025(Part 53)	0.02	0.3	No Relaxation
16.	Alkalinity	mg/l	IS: 3025(Part 23)-1986	90	200	600
17.	Total Suspended Solids	mg/l	IS: 3025(Part 17)-1984	Nil	--	--

BACTERIOLOGICAL PARAMETERS:					Requirement
18.	Total Coliforms	MPN/100 ml	IS : 1622-1981	Absent	Should be Absent per 100ml
19.	E Coli	MPN/100 ml	IS : 1622-1981	Absent	Should be Absent per 100ml

Inference as per IS 10500 :2012 Standards. BDL=Below Detectable Level. ND=Not Detected

REMARK : WITHIN THE ACCEPTABLE LIMITS FOR TESTED PARAMETERS.

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Any dispute arising out of this report is subject to Hubli.Jurisdiction

Samples not drawn by us unless otherwise stated.

Chemist:



Chief Executive Officer:

22-5-24



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TEST REPORT

Sheet No.1 of 1

Client	KAIZEN EDUPLUS SOCIETY'S INSTITUTE OF	Report No.	S/ESSAR/IEMS/001
	EXCELLENCE IN MANAGEMENT SCIENCE	Date of Sampling	21/05/2024
	(IEMS)	Date of Issue	22/05/2024

Sample Description / Name of the commodity	Sample As Submitted By The Party : Sambar.
Grade	Standard
Test Device Details	Volumetric, Gravimetric & Instrumental
Test Reference	IS Methods, FSSAI & Agmark

SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATION
1.	pH	10 % Solution	7.25	6.5-8.5
2.	Total Solids	%	25.5	--
3.	Soluble Solids	%	4.20	--
4.	Extragenious Matter	--	Nil	Should Not Be Present
5.	Added Colour	--	Not Deected	Should Not Be Present
6.	Total Acidity	%	0.25	--
7.	Ash(Total Mineral)	%	1.20	--


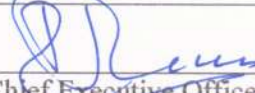
Nutritional Facts per 100 gm				
1.	Carbohydrates	gm	30.8	--
	Of which Sugar	gm	0.12	--
2.	Total Fat	gm	5.50	--
3.	Protein	gm	6.25	--
4.	Dietary Fibre	%	2.90	--
5.	Total Energy	k.cal	211.7	--

Microbiological test				
1.	E-Coli	Mpn/100g	Absent	Should be absent
2.	Mould & Fungus	--	Absent	Should be absent
3.	Total Coliform	Cfu/100g	4	--

Inference: Comple.

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Tested By: 	Approved By: 
Designation: Chemist	Designation: Chief Executive Officer 22-5-24





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Client	KAIZEN EDUPLUS SOCIETY'S INSTITUTE OF	Report No.	R/ESSAR/IEMS/002
	EXCELLENCE IN MANAGEMENT SCIENCE	Date of Sampling	21/05/2024
	(IEMS)	Date of Issue	22/05/2024

Sample Description / Name of the commodity	Sample As Submitted By The Party : Cooked Rice.
Grade	Standard
Test Device Details	Volumetric, Gravimetric & Instrumental
Test Reference	IS Methods, FSSAI (2.4.6.24) & Agmark

SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATIONS
1.	pH	10 % Solution	6.90	--
2.	Ash	%	0.12	--
3.	Acid insoluble in ash	%	0.05	--
4.	Added Colour	--	Not Detected	Should Not Be Present
5.	Other Grains & Seeds	--	Not Detected	Not Detectable
6.	Total Solids	%	100	--


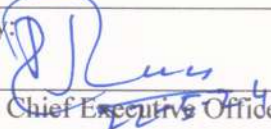
Nutritional Facts per 100 gm				
1.	Carbohydrates	gm	30.2	--
	Of which Sugar	gm	0.12	--
2.	Total Fat	gm	0.18	--
3.	Protein	gm	3.90	--
4.	Dietary Fibre	%	2.50	--
5.	Total Energy	k.cal	146.7	--

Microbiological test				
1.	E-Coli	Mpn/100g	Absent	Should be absent
2.	Mould & Fungus	--	Absent	Should be absent
3.	Total Coliform	Cfu/100g	5	--

Inference: Complex.

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	EXCELLENCE IN MANAGEMENT SCIENCE	Date of Sampling	21/05/2024
	(IEMS)	Date of Issue	22/05/2024

Sample Description / Name of the commodity	Sample As Submitted By The Party : Alasandi Bhaji.
Grade	Standard
Test Device Details	Volumetric, Gravimetric & Instrumental
Test Reference	IS Methods, FSSAI & Agmark


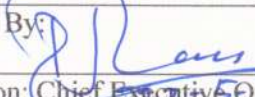
SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATION
1.	pH	10 % Solution	6.90	6.5-8.5
2.	Total Solids	%	86.5	--
3.	Soluble Solids	%	3.60	--
4.	Extragenious Matter	--	Nil	Should Not Be Present
5.	Added Colour	--	Not Deected	Should Not Be Present
6.	Total Acidity	%	0.12	--
7.	Ash(Total Mineral)	%	1.50	--

Nutritional Facts per 100 gm				
1.	Carbohydrates	gm	28.5	--
	Of which Sugar	gm	0.18	--
2.	Total Fat	gm	4.90	--
3.	Protein	gm	5.60	--
4.	Dietary Fibre	%	2.20	--
5.	Total Energy	k.cal	193.1	--

Microbiological test				
1.	E-Coli	Mpn/100g	Absent	Should be absent
2.	Mould & Fungus	--	Absent	Should be absent
3.	Total Coliform	Cfu/100g	3	--

Inference: Comple.

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	EXCELLENCE IN MANAGEMENT SCIENCE	Date of Sampling	21/05/2024
	(IEMS)	Date of Issue	22/05/2024

Sample Description / Name of the commodity	Sample As Submitted By The Party : Bendekayi Bhaji.
Grade	Standard
Test Device Details	Volumetric, Gravimetric & Instrumental
Test Reference	IS Methods, FSSAI & Agmark

SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATION
1.	pH	10 % Solution	6.80	6.5-8.5
2.	Total Solids	%	98.6	--
3.	Soluble Solids	%	3.40	--
4.	Extragenious Matter	--	Nil	Should Not Be Present
5.	Added Colour	--	Not Deected	Should Not Be Present
6.	Total Acidity	%	0.15	--
7.	Ash(Total Mineral)	%	1.80	--

Nutritional Facts per 100 gm

1.	Carbohydrates	gm	29.6	--
	Of which Sugar	gm	0.15	--
2.	Total Fat	gm	5.22	--
3.	Protein	gm	6.50	--
4.	Dietary Fibre	%	2.50	--
5.	Total Energy	k.cal	206.0	--


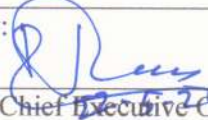
Microbiological test

1.	E-Coli	Mpn/100g	Absent	Should be absent
2.	Mould & Fungus	--	Absent	Should be absent
3.	Total Coliform	Cfu/100g	2	--

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	EXCELLENCE IN MANAGEMENT SCIENCE	Date of Sampling	21/05/2024
	(IEMS)	Date of Issue	22/05/2024

Sample Description / Name of the commodity: Sample As Submitted By The Party : Chapati.

Grade: Standard

Test Device Details: Volumetric, Gravimetric & Instrumental

Test Reference: IS Methods, FSSAI (2.4.6.24) & Agmark

SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATIONS
1.	pH	10 % Solution	7.25	--
2.	Ash	%	0.25	--
3.	Acid insoluble in ash	%	0.06	--
4.	Added Colour	--	Not Detected	Should Not Be Present
5.	Other Grains & Seeds	--	Not Detected	Not Detectable
6.	Total Solids	%	100	--

Nutritional Facts per 100 gm

1.	Carbohydrates	gm	56.8	--
	Of which Sugar	gm	0.10	--
2.	Total Fat	gm	3.50	--
3.	Protein	gm	6.80	--
4.	Dietary Fibre	%	2.20	--
5.	Total Energy	k.cal	301.2	--


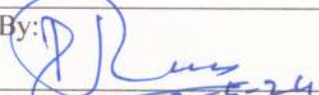
Microbiological test

1.	E-Coli	Mpn/100g	Absent	Should be absent
2.	Mould & Fungus	--	Absent	Should be absent
3.	Total Coliform	Cfu/100g	5	--

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