

GOVT. OF INDIA Approved for AGMARK Grading

ISO 9001: 2015 CERTIFIED





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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 Ref No

:22/05/2024 :Verbal:21/05/2024

Requirement as per

Sample details : Water sample as submitted by the party : Water Sample.

Test Device Details : Instrumental, Volumetric & Gravimetric

Source at : Hubli.

: IS:3025 Procedure Used APHA-AWA

DADAMETER	Units Test Method		IS 10500:2012		
SI. No. PARAMETER		Test Method	Result	Acceptable Limit	Permissible Limit
Colour(Hezen)		IS 3025 (Part 4) 1983	0.2	5	15
Odour		IS: 3025(Part 6)-1983	Agreeable	Agreeable	Agreeable
Taste		IS: 3025(Part 7&8)	Agreeable	Agreeable	Agreeable
Turbidity	NTU	IS: 3025(Part 10)-1984	0.4	1	5
Hydrogen ion concentration(pH)		IS: 3025(Part 11)-1983	7.2	6.5 to 8.5	No Relaxation
Electric Conductivity (EC)	μS/cm	IS 3025 (part 14)-1984	270		
Total Dissolved Solids (TDS)	mg/l	IS 3025 (part 16)-1984	162	500	2000
Total Hardness(TH)	mg/l	IS 3025 (part 21)	120	200	600
Calcium (Ca <sup>++</sup> )	mg/l	IS 3025 (part 40)-1991	26.6	75	200
Magnesium(Mg <sup>++</sup> )	mg/l	IS 3025 (part 46)-1994	A TOTAL PROPERTY.	30	100
Chloride(Cl <sup>-1</sup> )		IS 3025 (part 32)-1998	40	250	1000
Fluoride(F <sup>-1</sup> )	mg/l	IS 3025 (part 60)-2008	0.3	1.0	1.5
Sulphate(SO <sub>4</sub> <sup>-2</sup> )	mg/l	IS: 3025(Part 24)-1986	7.2	200	400
Nitrates(NO <sub>3</sub> <sup>-1</sup> )	mg/l	IS: 3025(Part 34)-1988	3.6	45	No Relaxation
Iron(Fe)	mg/l	IS: 3025(Part 53)	0.02	0.3	No Relaxation
Alkalinity	mg/l	IS: 3025(Part 23)-1986	90	200	600
Total Suspended Solids	mg/l	IS: 3025(Part 17)-1984	Nil		
BACTERIOLOGICAL PARAMETERS:				Requ	irement
Total Coliforms	MPN/100 ml	IS: 1622-1981	Absent	Should be Al	sent per 100ml
E Coli	MPN/100 ml	IS: 1622-1981	Absent	Should be Al	sent per 100ml
	Odour Taste Turbidity Hydrogen ion concentration(pH) Electric Conductivity (EC) Total Dissolved Solids (TDS) Total Hardness(TH) Calcium (Ca <sup>++</sup> ) Magnesium(Mg <sup>++</sup> ) Chloride(Cl <sup>-1</sup> ) Fluoride(F <sup>-1</sup> ) Sulphate(SO <sub>4</sub> <sup>-2</sup> ) Nitrates(NO <sub>3</sub> <sup>-1</sup> ) Iron(Fe) Alkalinity Total Suspended Solids  RIOLOGICAL PARAMETERS:	Colour(Hezen) Odour Taste Turbidity Hydrogen ion concentration(pH) Electric Conductivity (EC) Total Dissolved Solids (TDS) Total Hardness(TH) Calcium (Ca <sup>++</sup> ) Magnesium(Mg <sup>++</sup> ) Chloride(Cl <sup>-1</sup> ) Fluoride(F <sup>-1</sup> ) Sulphate(SO <sub>4</sub> Nitrates(NO <sub>3</sub> I ron(Fe) Alkalinity Total Suspended Solids  RIOLOGICAL PARAMETERS:	Colour(Hezen)        IS 3025 (Part 4) 1983         Odour        IS: 3025(Part 6)-1983         Taste        IS: 3025(Part 7&8)         Turbidity       NTU       IS: 3025(Part 10)-1984         Hydrogen ion concentration(pH)        IS: 3025(Part 11)-1983         Electric Conductivity (EC)       μS/cm       IS 3025 (part 14)-1984         Total Dissolved Solids (TDS)       mg/l       IS 3025 (part 16)-1984         Total Hardness(TH)       mg/l       IS 3025 (part 21)         Calcium (Ca <sup>++</sup> )       mg/l       IS 3025 (part 40)-1991         Magnesium(Mg <sup>++</sup> )       mg/l       IS 3025 (part 46)-1994         Chloride(Cl <sup>-1</sup> )       mg/l       IS 3025 (part 32)-1998         Fluoride(F <sup>-1</sup> )       mg/l       IS 3025 (part 40)-1991         Sulphate(SO <sub>4</sub> <sup>-2</sup> )       mg/l       IS 3025 (part 32)-1986         Nitrates(NO <sub>3</sub> <sup>-1</sup> )       mg/l       IS: 3025(Part 24)-1988         Iron(Fe)       mg/l       IS: 3025(Part 34)-1988         Iron(Fe)       mg/l       IS: 3025(Part 23)-1986         Total Suspended Solids       mg/l       IS: 3025(Part 17)-1984         RIOLOGICAL PARAMETERS:         Total Coliforms       MPN/100 ml       IS: 1622-1981	Colour(Hezen)          IS 3025 (Part 4) 1983         0.2           Odour          IS: 3025(Part 6)-1983         Agreeable           Taste          IS: 3025(Part 7&8)         Agreeable           Turbidity         NTU         IS: 3025(Part 10)-1984         0.4           Hydrogen ion concentration(pH)          IS: 3025(Part 11)-1983         7.2           Electric Conductivity (EC)         μS/cm         IS 3025 (part 14)-1984         270           Total Dissolved Solids (TDS)         mg/l         IS 3025 (part 16)-1984         162           Total Hardness(TH)         mg/l         IS 3025 (part 21)         120           Calcium (Ca <sup>++</sup> )         mg/l         IS 3025 (part 40)-1991         26.6           Magnesium (Mg <sup>++</sup> )         mg/l         IS 3025 (part 46)-1994         11.1           Chloride (Cl <sup>-1</sup> )         mg/l         IS 3025 (part 32)-1998         40           Fluoride (F <sup>-1</sup> )         mg/l         IS 3025 (part 40)-1994         7.2           Nitrates (NO <sub>3</sub> <sup>-2</sup> )         mg/l         IS: 3025 (part 32)-1998         40           Nitrates (NO <sub>3</sub> <sup>-1</sup> )         mg/l         IS: 3025 (Part 34)-1986         7.2           Nitrates (NO <sub>3</sub> <sup>-1</sup> )         mg/l         IS: 3025 (Part 23)-1986         90 <td>  Colour(Hezen)</td>	Colour(Hezen)

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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This report is strictly confidential and if any claim in legal disputes is not permitted.

Total liability of our Laboratory is limited to tested invoiced amount

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

Samples not drawned by us unless otherwise stated.

Chemist:

Chief Executive Officer

## ELRC

## ESSAR LABORATORIES & RESEARCH CENTRE



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### TEST REPORT

Sheet No.1 of 1

Client	KAIZEN EDUPLUS SOCIETY'S INSTITUTE OF EXCELLENCE IN MANAGEMENT SCIENCE		Report No.	S/ESSAR/IEMS/001		
			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 Devic	e Details	Volumetric, Gravimetric & Instrumental				
Test Refer	ence	IS Methods, FSSAI & Agmar	k			
SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATION		
1.	рН	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 Presen		
5.	Added Colour		Not Deected	Should Not Be Presen		
6.	Total Acidity	%	0.25	N 100		
7.	Ash(Total Mineral)	%	1.20			
<b>Nutrional</b>	Facts per 100 gm					
1.	Carbohydrates	gm	30.8			
1,	Of which Sugar	gm	0.12			
2.	Total Fat	gm	5.50	man .		
3.	Protein	gm	6.25			
4.	Dietery Fibre	%	2.90			
5.	Total Energy	k.cal	211.7			
Microbiol	ogical test					
1.	E-Coli	Mpn/100g	Absent	Should be absent		
2.	Mould & Fungus		Absent	Should be absent		
3.	Total Coliform	Cfu/100g	4			
nference:	Comples.					

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Tested By:

Designation: Chemist

Approved By:

Designation: Chief Executive Officer



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### TEST REPORT

Sheet No.1 of 1

VALVEN EDUDI LIC CO	OCIETA'S DISTITUTE OF	D N.	D/ESSAD/EDAS/OSS		
			R/ESSAR/IEMS/002		
	NAGEMENT SCIENCE		21/05/2024		
(IEMS)		Date of Issue	22/05/2024		
	Sample As Submitted By The	e Party : Cooked Rice.			
	Standard				
ce Details	The Description and Description (see 1)				
ence	IS Methods, FSSAI (2.4.6.24	) & Agmark			
PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATIONS		
рН	10 % Solution	6.90			
Ash	%	0.12	in m		
Acid insoluble in ash	%	0.05			
Added Colour		Not Detected	Should Not Be Present		
Other Grains & Seeds		Not Detected	Not Detectable		
Total Solids	%	100			
Facts per 100 gm	1				
Carbohydrates	gm	30.2			
Of which Sugar	gm	0.12	_		
Total Fat	gm	0.18			
Protein	gm	3.90			
Dietery Fibre	%	2.50	_		
Total Energy	k.cal	146.7	:		
	300				
E-Coli	Mpn/100g	Absent	Should be absent		
Mould & Fungus		Absent	Should be absent		
Total Coliform	Cfu/100g	5			
	EXCELLENCE IN MA  (IEMS) escription / ne commodity  the Details ence  PARAMETER  pH  Ash  Acid insoluble in ash  Added Colour  Other Grains & Seeds  Total Solids  Facts per 100 gm  Carbohydrates  Of which Sugar  Total Fat  Protein  Dietery Fibre  Total Energy  ogical test  E-Coli  Mould & Fungus	Sample As Submitted By The Standard  Dee Details Volumetric, Gravimetric & In Standard  PARAMETER UNIT  PH 10 % Solution  Ash %  Acid insoluble in ash %  Added Colour  Other Grains & Seeds  Total Solids %  Facts per 100 gm  Carbohydrates gm  Of which Sugar gm  Total Fat gm  Protein gm  Dietery Fibre %  Total Energy k.cal  Ogical test  E-Coli Mpn/100g  Mould & Fungus	EXCELLENCE IN MANAGEMENT SCIENCE Date of Sampling (IEMS)  Sample As Submitted By The Party : Cooked Rice.  Standard  Standard  Volumetric, Gravimetric & Instrumental IS Methods, FSSAI (2.4.6.24) & Agmark  PARAMETER  UNIT  DBSERVED VALUE  PH  10 % Solution  6.90  Ash  Acid insoluble in ash  %  0.12  Acid insoluble in ash  %  Other Grains & Seeds  Total Solids  %  Total Solids  %  Total Solids  Begin  Carbohydrates  Of which Sugar  Total Fat  Protein  Begin  Date of Sampling  Date of Issue  Date of		

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Samples not drawn by us unless otherwise stated.	
Tested By:	Approved By:
Designation: Chemist	Designation: Chief Executive Officer





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### **TEST REPORT**

Sheet No.1 of 1

	KAIZEN EDUPLUS S	OCIETY'S INSTITUTE OF	Report No.	B/ESSAR/IEMS/003
Client	EXCELLENCE IN MANAGEMENT SCIENCE (IEMS)		Date of Sampling	21/05/2024
			Date of Issue	22/05/2024
The second secon	escription / ne commodity	Sample As Submitted By The	e Party :Alasandi Bhaji.	1
Grade		Standard		
est Devic	e Details	Volumetric, Gravimetric & I	nstrumental	
est Refer	ence	IS Methods, FSSAI & Agma	rk	
SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATION
1.	рН	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	de six
7.	Ash(Total Mineral)	%	1.50	
Vutrional	Facts per 100 gm		•	
-	Carbohydrates	gm	28.5	
1.	Of which Sugar	gm	0.18	
2.	Total Fat	gm	4.90	
3.	Protein	gm	5.60	\$0.00
4.	Dietery Fibre	%	2.20	
5.	Total Energy	k.cal	193.1	
<b>Aicrobiol</b>	ogical test			
1.	E-Coli	Mpn/100g	Absent	Should be absent
2.	Mould & Fungus		Absent	Should be absent
3.	Total Coliform	Cfu/100g	3	
	Comples.			
<ul> <li>The</li> <li>Thi</li> <li>Tot</li> <li>Any</li> </ul>	s report is CONFIDENTIAL and test results relate only to the items	s subject to Hubli Jurisdiction.	ct is not implied.	
Tested By:	Guel		ved By:	
Designation	on: Chemist	Design	nation: Chief Executive Office	fr ·



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### **TEST REPORT**

Sheet No.1 of 1

KAIZEN EDUPLUS		OCIETY'S INSTITUTE OF	Report No.	B/ESSAR/IEMS/004	
Client	EXCELLENCE IN MANAGEMENT SCIENCE (IEMS)		Date of Sampling	21/05/2024	
			Date of Issue	22/05/2024	
Sample Description / Name of the commodity		Sample As Submitted By The Party : Bendekayi Bhaji.			
Grade	•	Standard			
Test Device	e Details	Volumetric, Gravimetric & In	strumental		
Test Refer	ence	IS Methods, FSSAI & Agmar	·k		
SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATION	
1.	рН	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 Presen	
5.	Added Colour		Not Deected	Should Not Be Presen	
6.	Total Acidity	%	0.15	ne m	
7.	Ash(Total Mineral)	%	1.80		
<b>Nutrional</b>	Facts per 100 gm				
1.	Carbohydrates	gm	29.6		
1,	Of which Sugar	gm	0.15		
2.	Total Fat	gm	5.22		
3.	Protein	gm	6.50		
4.	Dietery Fibre	%	2.50		
5.	Total Energy	k.cal	206.0		
Microbiol	ogical 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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A: (D 1)
X Cens
: Chief Decurive Officer





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### TEST REPORT

Sheet No.1 of 1

	VAIZEN EDUDI HE CO	OCIETA'S DISTITUTE OF	D (N	CARCO L DATE TO ACT		
Client		OCIETY'S INSTITUTE OF	Report No.	C/ESSAR/IEMS/005		
	EXCELLENCE IN MANAGEMENT SCIENCE		Date of Sampling	21/05/2024		
	(IEMS)		Date of Issue	22/05/2024		
	escription / he commodity	Sample As Submitted By The	e Party : Chapati.			
Grade	*	Standard				
Test Device	ce Details	Volumetric, Gravimetric & In	nstrumental			
Test Refer	ence	IS Methods, FSSAI (2.4.6.24	) & Agmark			
SL.NO.	PARAMETER	UNIT	OBSERVED VALUE	SPECIFICATIONS		
1.	рН	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			
Nutrional	Facts per 100 gm					
1	Carbohydrates	gm	56.8			
1.	Of which Sugar	gm	0.10	7		
2.	Total Fat	gm	3.50			
3.	Protein	gm	6.80			
4.	Dietery Fibre	%	2.20			
5.	Total Energy	k.cal	301.2			
Microbiol	ogical 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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