



Excellence Laboratory
IS/ISO/IEC 17025:2005 & ISO 9001 : 2008
Quality Management System Implemented
NABL Accredited Laboratory
for Chemical & Biological Testing



EXCELLENCE
LABORATORY
KNOW THE UNKNOWN™

22.06.2018

To

Rajan
Technician
PKN Vidhyasala (CBSC)
Unit of PKN Vidhyasala Sangam Committee
Thirumangalam
Madurai
Mobile: 7094499037
E-Mail: lab@excellencelaboratory.com

Sub: Submission of Test Report - Reg

Dear Sir,

We have received and analyzed the water sample. Herewith we have enclosed the test report along with the invoice. Kindly acknowledge the receipt of test report and the invoice.

- Water Sample Analysis Report (1 no)

Please feel free to contact us in case of any further assistance.

Thanking you

For Excellence Laboratory

Authorized Signatory

Enclosure:

- Test Reports
- Invoice: EL/0368/18-19.

PRINCIPAL
P.K.N. VIDYALAYA
TIRUMANGALAM

SECRETARY
P.K.N. VIDYALAYA
TIRUMANGALAM.

No:23/93, Fifth Street, Ram Nagar, S.S.Colony, Madurai - 625 010. Ph: 0452 4506252



TEST REPORT

WATER ANALYSIS

Report No :	EL-NO-WR-143-06-2018	Report Date :	22.06.2018
Customer Name & Address M/s. PKN Vidhyasala (CBSE) Unit of PKN Vidhyasala Sangam Committee Thirumangalam Madurai <i>SECRETARY</i> <i>P.K.N. VIDYALA</i> <i>TIRUMANGALAM.</i>	Sample Reference No :	EL-NO-WR-143-06-2018	
	Sample Description :	Water	
	Sample Drawn By :	Customer	
	Sample Collected Date :	20.06.2018	
	Qty of Sample Received :	1 Liter (Approximately)	
	Sample Received On :	20.06.2018	
	Test Commenced On :	20.06.2018	
	Test Completed On :	22.06.2018	
	Sampling Method :	--	
Sample Mark:		Drinking Water	

S.No	Name of the Test	Test Method	Units	Results	Max. Acceptance Limits of IS:10500:2012
1.	Calcium (as Ca)	IS 3025 (Part 40) : 1991 (Reaffirmed 2014) Clause No.5	mg/L	84	75
2.	Chlorides (as Cl)	IS : 3025 (Part 32) - 1988 (Reaffirmed 2014) Clause No.2	mg/L	221	250
3.	Colour	IS 3025 (Part 04) : 1983 (Reaffirmed 2017) Clause No.2	Hazen	<1.0	5.0
4.	Iron (as Fe)	IS 3025 (Part 53) : 2003 (Reaffirmed 2014) Clause No.7	mg/L	<0.05	1.0
5.	Magnesium (as Mg)	IS 3025 (Part 46) : 1994 (Reaffirmed 2014) Clause No.6	mg/L	36	30
6.	Odor	IS : 3025 (Part 05) 1983 (Reaffirmed 2017)	--	Agreeable	Agreeable
7.	pH value @ 25°C	IS : 3025 (Part 11) - 1983 (Reaffirmed 2017) Clause No.2	No.	7.2	6.5 - 8.5
8.	Reactive Silica (as SiO ₂)	IS : 3025 (Part 35) - 1988 (Reaffirmed 2014) Clause No.3	mg/L	37	NA
9.	Sulphates (as SO ₄)	IS : 3025 (Part 24) - 1986 (Reaffirmed 2014) Clause No.2	mg/L	166	200
10.	Total Alkalinity (as CaCO ₃)	IS : 3025 (Part 23) - 1986 (Reaffirmed 2014)	mg/L	428	200
11.	Total Dissolved Solids @ 105°C	IS 3025 (Part 16) - 1984 (Reaffirmed 2017)	mg/L	859	500
12.	Total Hardness (as CaCO ₃)	IS 3025 (Part 21) : 2009 (Reaffirmed 2014) Clause No.5	mg/L	357	200
13.	Total Suspended Solids @ 105°C	IS : 3025 (Part 17) - 1984 (Reaffirmed 2017)	mg/L	<5.0	NA



Conditions of Testing

Excellence Laboratory, a organization or a company or a subsidiary or affiliate or proprietary concern of it (Collectively, the 'Laboratory'), as identified in a written report (the "Test Report") issued by Excellence Laboratory or such subsidiary or affiliate, will conduct at the request of the submitter ("Customer"), the required tests specified on the submitted test request form or request letter or work order in accordance with, and subject to, the following terms and conditions (collectively, "Conditions"):

1. All orders for tests are subject to acceptance by the laboratory, and no order will constitute, a binding commitment of the laboratory unless and until such order is accepted by it, as evidenced by the issuance of a written report ("Test Report"). The Report is issued solely by the laboratory, is intended for the exclusive use of Customer and shall not be published, used for advertising purpose, copied or replicated for distribution to any other person or entity or otherwise publicly disclosed without the prior written consent of the laboratory. By submitting a request for services to the laboratory Customer consents to the disclosure to accreditation bodies of those records of Customer relevant to the accreditation body's assessment of the laboratory competence and compliance with relevant accreditation criteria. If Customer anticipates using the Report in any legal proceeding, arbitration, dispute resolution forum or other proceeding, it shall so notify the laboratory prior to submitting the Report in such proceeding. The laboratory has no obligation to provide a fact or expert witness at such proceeding unless the laboratory agrees in advance to do so for a separate and additional fee. The laboratory may delegate the performance of all or a portion of the services here under to an affiliate, agent or subcontractor of the laboratory, and Customer Consents to such delegation.

2. The Report will set forth the finding of the laboratory solely with respect to the test samples identified therein. Unless expressly indicated in the Report, the results set forth in the Report are not intended to be indicative or representative of the quality or characteristics of the lot from which test sample is taken, and Customer shall not rely upon the Report as being indicative or representative of the lot or of the tested product in general. The report will reflect the finding of the laboratory at the time of testing only, and the laboratory shall have no obligation to update the report after its issuance. The Report will set forth the results of the tests performed by the laboratory based upon the information provided to the laboratory as set forth in, or attached to, this Test Request Form. The Report will be based solely on the samples and written information submitted to the laboratory by Customer.

3. The laboratory may, in its sole discretion, dispose of sample furnished to the laboratory or testing and destroyed in the course of that testing.

4. The names, service Marks, trademarks and copyrights of laboratory and its affiliates (collectively, the "Marks") are and shall remain the sole property of the laboratory or its affiliates and shall not be used by Customer except solely to the extent that Customer obtains the prior written approval of the laboratory and then only in the manner prescribed by the laboratory. Customer shall not contest the validity of the Marks or take any action that might impair the value or goodwill associated with the marks or the image or reputation of the laboratory or its affiliates.

5. Unless a shorter period is provided for on the front of this Test Request Form, Payment in full shall be due 30 days after the date of invoice. Interest shall be due on overdue amounts from the due date until paid at an interest rate of 1.5% per month or, if less, the maximum rate permitted by law. The laboratory results the right, at any time and from time to time, to revoke any credit extended to Customer. Customer shall reimburse the laboratory for any costs it incurs in collecting past due amount, including court cost and fees and expenses of attorneys and collection agencies.

6. Customer shall provide, or cause Customer's supplier and contractors to provide, on a timely basis, to the laboratory or documents and information's necessary to enable the laboratory to properly perform its services.

7. Customer represents and warrants to the laboratory that (a) Each sample submitted is representative of the lot from which it was taken and is identical in all aspect to the products that will be shipped or sold to its customers (b) Customer will cease to use and rely upon the laboratory report for any product whose properties are altered from the sample provided to the laboratory for testing and upon which the report is based (c) Customer accepts sole responsibility and liability for the accuracy for documents submitted to government or other regulatory bodies. This obligation for accuracy and liability shall apply even where the laboratory has provided assistants to Customer in preparation of such documentation and laboratory shall assume liability only for its negligent acts and then only to the extent of the limitations of liability set forth in article 13 of these terms and condition.

8. The laboratory shall under take due care and ordinary skill in the performance of its services to Customer, and the Customer will hold the laboratory responsible only where such a skill has not been exercised and, when in such event, only to the extent of the limitation of liability set forth herein.

9. Customer understands and agrees that the laboratory is neither an insurer nor a guarantor, that the laboratory, by providing the services, does not take the place of Customer or any third party including designers, manufacturers, agent, buyers, distributors or transportation or shipping companies, and that the laboratory disclaims all liability in such capacities. If and to the extent that Customer releases any third party from its liabilities, obligations and duties with respect to the tested goods, Customer will assume and undertake as its own such liabilities, obligations and duties Customer further understands that if it.

10. If Customer desires to assert a claim arising from or relating to (i) the performance purported performance or non-performance of any services by the laboratory or (ii) the sale, resale, manufacture, distribution or use of any tested goods, it must submit that claim to the laboratory in a writing that sets forth with particularity the basis for such claim within 30 days from discovery of the potential claim and not more than three months after the date of issuance of the report to Customer. Customer waives any and all such claims including, without limitation, claims that the report is inaccurate, incomplete or misleading or that additional or different testing is required, unless and then only to the extent that Customer submits a written claim to the laboratory within both such time periods.

11. Customer shall, hold harmless and indemnify the laboratory, its affiliates and their respective directors, officers, employees, agents and subcontractors against all actual or alleged third party claims for loss, damage or expense of whatsoever nature and howsoever arising from or relating to (i) the performance, purported performance or non-performance of any services by the laboratory, (ii) The sale, resale, manufacture, distribution or use of any tested goods, or (iii) Breach of Customers obligations or warranties under this agreement.

12. Except as may otherwise be expressly agreed to in writing by the company and notwithstanding any provision to the contrary contained herein or in any report, no warranty or guarantee, express or implied, including any warranty of merchantability or fitness for a particular purpose or use, is made by the laboratory.

13. Limitations of Liability

(A) In no event whatsoever shall the laboratory be liable for any consequential, Special, Incidental, exemplary or punitive damages in connection with, relating to or arising out of the report, the product tested or the services provided by the laboratory hereunder, including without limitation loss of or damage to property or reputation; or loss of income, profit or use.

(B) Notwithstanding any provision to the contrary contained herein, and in recognition of the relative risks and benefits to Customer and the laboratory associated with the testing services, the risks have been allocated such that under no circumstances whatsoever shall the liability of the laboratory to the Customer or any third party in respect of any claim for loss, indemnity, contribution, damage or expense, of whatsoever nature or magnitude, and howsoever arising, exceed an amount equal to five (5) times the amount of the fees paid to the laboratory for the specific services which gave rise to such claim.

14. The laboratory shall not be liable for any loss or damage whatsoever resulting from any delay in the performance of its obligations hereunder or from the failure of the laboratory to provide its services within any time period for completion estimated by the laboratory, regardless of the cause of the delay or failure. In addition, if any event of force majeure or any event outside the control of the laboratory occurs, the laboratory may immediately cancel or suspend its performance hereunder without incurring any liability whatsoever to Customer.

15. These conditions shall be governed by, and construed in accordance with, the local laws of the country where the laboratory performs the testing services. Customer waives the right to interpose any counterclaim or setoffs of any nature in any litigation arising hereunder.

16. These conditions and the report represent the entire understanding of the parties hereto with respect to the subject matter hereof and the report, and no modification, variance or extrapolation with respect thereto shall be permitted without the prior written consent of the laboratory.



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ISO 9001 : 2008 & IS/ISO/IEC 17025 : 2005
NABL Quality Management System
Implemented Laboratory



Info@excellencelaboratory.com
www.excellencelaboratory.com 0452-4506252

Page 2 of 2

TEST REPORT

Report No : EL-NO-WR-143-06-2018

14.	Turbidity	IS : 3025 (Part 10) - 1984 (Reaffirmed 2017)	NTU	<0.1	1.0
15.	Zinc (as Zn)	IS 3025 (Part 49) : 1994 (Reaffirmed 2014) Clause No.6	mg/L	<0.05	5.0

<--- End of Report --->

Notes:

The concentration of the parameters tested in the above sample is within the prescribed acceptance limits of potable drinking water quality standard of IS: 10500: 2012 tolerance limits, except S.No: 1, 5, 10, 11 & 12. However this water cannot be used for potable drinking purpose.

Report Confirmed By :

For EXCELLENCE LABORATORY

Authorized Signatory

R.S.DINAKARAN
Quality Manager



S. Shantha
PRINCIPAL
P.K.N.VIDYALAYA
TIRUMANGALAM

A. Ashok
SECRETARY
P.K.N. VIDYALAYA
TIRUMANGALAM,

1. The test results are only for the samples and are not for any other purpose unless otherwise stated.
2. The test results are not to be used for any other purpose without the written approval of Excellence Laboratory.
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Lab: No. 23/93, Fifth Street, Ram Nagar, S.S. Colony, Madurai - 625 010.

B.O: No. 15, Metha Layout, Masakalpalayam Road, Peelamedu, Coimbatore - 641 004. B.O: No. 22/33A, Second Street, Ram Nagar, Tiruppur - 641 602.

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