

CHENNAI TESTING LABORATORY PRIVATE LIMITED

A-Super 19, TVK Industrial Estate, Guindy, Chennai-600 032, Tamil Nadu-India

Telephone: +91-44-2250 1757

E-mail:chennaiestinglab@gmail.com

S.T. No. AACCH1190FSD001

TIN No. 33510906276

INVOICE

| | |
|-------------|---------------------|
| Invoice No. | CTL/CH/2186/2016-17 |
| Date | 31-10-2016 |

Addressed to:

The Principal,
Nehru Memorial College,
Puthanampatti,
Tiruchirapalli – 621 007.

For the Month of Oct 2016

| S.No | Commodity | Report Number | Unit Price (Rs) | Qty | Amount (Rs) |
|------|---|--|-----------------|-----|-------------|
| 1 | Analysis Charges For Water (1 – 3) Samples | CTL/CH/M-2603/2016-17 to CTL/CH/M-2605/2016-17 | 2000.00 | 3 | 6000.00 |
| 2 | Analysis Charges For Soil (A & B) Samples | CTL/CH/M-2606/2016-17 to CTL/CH/M-2607/2016-17 | 2500.00 | 2 | 5000.00 |

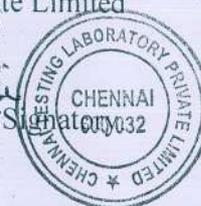
| | |
|----------------------------------|-----------------|
| Total Testing Charges(Rs) | 11000.00 |
| Service Tax – 14 % (Rs) | 1540.00 |
| SBC – 0.5 % (Rs) | 55.00 |
| KKC – 0.5 % (Rs) | 55.00 |
| Total Amount Payable (Rs) | 12650.00 |

Amount payable in word: Rupees Twelve Thousand Six Hundred and Fifty Only.

NOTE: Kindly issue Cheque / DD in favor of Chennai Testing Laboratory Private Limited payable at Chennai.

For Chennai Testing Laboratory Private Limited

Authorized Signatory





CHENNAI

TESTING LABORATORY PRIVATE LIMITED

www.ctllabs.in
www.foodenvironmenttesting.com

CIN : U74999TN2008PTC067568

TEST REPORT

| | | | |
|--------------------------------|---|--------------------------|--------------------------------------|
| Report Number and date | CTL/CH/M- 2603/2016-17 & 26.10.2016 | | |
| Sample Number | M-2603/16-17 | | |
| Customer Name & Address | The Principal, Nehru Memorial College, Puthanampatti, Tiruchirappalli - 621 007. | | |
| SAMPLE DETAILS | | | |
| Sample Description By Customer | Water - 1 | | |
| Sampling Date | NA | Sampled By | Customer |
| Sampling Location | NA | Sampling Method | NA |
| Quantity Received | 1 Litre x 2 Nos. | Lot / Batch No | Not Available |
| Date of Receipt | 15.10.2016 | Sample Condition | Good & Received in Plastic Container |
| Analysis Starting Date | 17.10.2016 | Analysis Completion Date | 25.10.2016 |

Test Results:

The above sample tested as received, and results are as follows:

| S. NO | PARAMETERS | METHOD | UNITS | RESULTS |
|-------|--|---------------------------------------|-------|---------|
| 1 | pH @ 25°C | IS 3025 (Part 11)-1983 (R.2006) | - | 6.9 |
| 2 | Conductivity | IS 3025 (Part 14)-1984 (R.2006) | µs/cm | 2094 |
| 3 | Total Dissolved Solids | IS 3025 (Part 16)-1984 (R.2006) | mg/l | 1256 |
| 4 | Total Organic Carbon | 5310-C-APHA 22 nd Ed. 2012 | mg/l | 250 |
| 5 | Total Nitrogen | IS 3025 (Part 34) (R.2003) | mg/l | 72 |
| 6 | Ammonical Nitrogen as NH ₃ -N | | mg/l | 43.5 |
| 7 | Nitrate Nitrogen as NO ₃ -N | | mg/l | 0.54 |
| 8 | Organic Nitrogen | | mg/l | 27.9 |
| 9 | Total Phosphorous as P | IS 3025 (Part 31)-1988 (R.1999) | mg/l | 3.41 |
| 10 | Ortho Phosphorous (Ortho - P) | IS 3025 (Part 31)-1988 (R.1999) | mg/l | 3.06 |


Verified by

For Chennai Testing Laboratory Pvt Ltd


Authorised Signatory
A. S. SIVAKUMAR
Technical Manager

Page 1 of 2

*The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee to promote his/her own business.*

A - Super 19 | T.V.K. Industrial Estate | Guindy | E-mail : chennaiestinglab@gmail.com
Chennai - 600 032 | Tamil Nadu | India | Telefax : +91-44-2250 1757

Terms and Conditions

Chennai Testing Laboratory Private Limited (CTL) under takes the testing / analysis of Sample(s) subject to the following terms and conditions;

1. The results are applicable only to the submitted sample. The test report in full or part shall not be used for any personal or publicity purpose without written consent by Chennai Testing Laboratory Private Limited.
2. In the absence of specific request from the customer, CTL has the freedom to adopt any National/International standard specifications test method for conducting the tests. In the absence / non-accessibility of a standard specification, CTL may suggest a test specification and adopt the same in confirmation from the customer.
3. In the rare event of any deviation from the specified analysis or test method becomes necessary for whatever reasons the customer shall be informed in writing of such deviation, the reasons for it and its adverse effect if any on the result.
4. Samples are not drawn by CTL unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implied.
5. Perishable samples will be destroyed after testing, others after fifteen days from the date of issue of the report, unless otherwise mentioned by the customer or as required by the Act.
6. The laboratory normally will not offer any opinion / advice or recommendation with respect to the suitability or otherwise of the samples for any application or use conforming to a specification or Act, will be mentioned as required by the Act.
7. Under no circumstances, CTL accepts any liability or loss or damage caused by use or misuse of the test report. Liability is limited to the testing fee charged, in case of proven negligence by the Laboratory.
8. Samples drawn under special circumstances, like insurance coverage or medico-legal cases shall be declared by the customer at the time of registration.
9. The due date for availability of Test Report mentioned in the acknowledgement is indicative and provisional. The due date may be taken as confirmed in the absence of changed intimation by the concerned division, before the end of the next working day. Circumstances beyond the control of the laboratory, such as natural calamities, strikes, non availability of critical suppliers and breakdown of equipments may cause delay. However, CTL will make all efforts to keep the customer informed and reduce inconvenience.
10. In case of cancellation of registration for any reason, refund of the test charges, will be made after adjusting the incidental expenses, if any.
11. Unspent sample or samples not accepted for testing, for any reason(s) will be returned to the customer on a written request at his own cost.
12. CTL shall not assume any responsibilities for variation in characteristics of samples taken up for analysis after holding up for want of clarification for the customer.
13. CTL shall not offer any opinion or advice regarding the suitability or otherwise about the sample except as required by the Act.
14. CTL shall indicate the name of the sub contractor who carried out specific tests /or tests as applicable.



CHENNAI

TESTING LABORATORY PRIVATE LIMITED

Testing redefined.

www.ctllabs.in
www.foodenvironmenttesting.com

CIN : U74999TN2008PTC067568

TEST REPORT

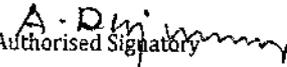
| Report Number and date | | CTL/CH/M- 2603/2016-17 & 26.10.2016 | | |
|------------------------|--|---|-----------|---------|
| S. NO | PARAMETERS | METHOD | UNITS | RESULTS |
| 11 | Oil & Grease | 5520-O&G-B APHA 22 nd Ed. 2012 (Partition Gravimetric Method) | mg/l | < 2 |
| 12 | Biochemical Oxygen Demand (BOD) 3 days at 27°C | 5210-B APHA 22 nd Ed. 2012 | mg/l | 245 |
| 13 | Chemical Oxygen Demand (COD) | 5220-B- APHA 22 nd Ed. 2012 | mg/l | 735 |
| 14 | Total Hardness as CaCO ₃ | IS 3025 (Part 21)-1983 (R.2006) | mg/l | 657 |
| 15 | Calcium as Ca | IS 3025 (Part 40)-1991 (R.2009) | mg/l | 223 |
| 16 | Magnesium as Mg | IS 3025 (Part 46)-1994 (R.2003) | mg/l | 25 |
| 17 | Sodium as Na | IS 3025 (Part 45)-1993 (R.2009) | mg/l | 133 |
| 18 | Potassium as K | IS 3025 (Part 45)-1993 (R.2009) | mg/l | 17 |
| 19 | Chloride (as Cl) | IS 3025 (Part 32)-1988 (R.2009) | mg/l | 323 |
| 20 | Sulphate as SO ₄ | IS 3025 (Part 24)-1986 (R.2009) | mg/l | 7 |
| Microbiology: | | | | |
| 21 | Total Coliform | IS:1622 : 1981 (R.2009) | MPN/100ml | 1600 |

BDL - Below Detection Limit; DL - Detection Limit; NA - Not Applicable

END OF REPORT


Verified by

For Chennai Testing Laboratory Pvt Ltd


A. PANTHAR
Authorized Signatory
Technical Manager

Page 2 of 2

The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee to promote his/her own business.

A - Super 19 | T.V.K. Industrial Estate | Guindy | E-mail : chennaiestinglab@gmail.com
Chennai - 600 032 | Tamil Nadu | India | Telefax : +91-44-2250 1757

Terms and Conditions

Chennai Testing Laboratory Private Limited (CTL) under takes the testing / analysis of Sample(s) subject to the following terms and conditions;

1. The results are applicable only to the submitted sample. The test report in full or part shall not be used for any personal or publicity purpose without written consent by Chennai Testing Laboratory Private Limited.
2. In the absence of specific request from the customer, CTL has the freedom to adopt any National/International standard specifications test method for conducting the tests. In the absence / non-accessibility of a standard specification, CTL may suggest a test specification and adopt the same in confirmation from the customer.
3. In the rare event of any deviation from the specified analysis or test method becomes necessary for whatever reasons the customer shall be informed in writing of such deviation, the reasons for it and its adverse effect if any on the result.
4. Samples are not drawn by CTL unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implied.
5. Perishable samples will be destroyed after testing, others after fifteen days from the date of issue of the report, unless otherwise mentioned by the customer or as required by the Act.
6. The laboratory normally will not offer any opinion / advice or recommendation with respect to the suitability or otherwise of the samples for any application or use conforming to a specification or Act, will be mentioned as required by the Act.
7. Under no circumstances, CTL accepts any liability or loss or damage caused by use or misuse of the test report. Liability is limited to the testing fee charged, in case of proven negligence by the Laboratory.
8. Samples drawn under special circumstances, like insurance coverage or medico-legal cases shall be declared by the customer at the time of registration.
9. The due date for availability of Test Report mentioned in the acknowledgement is indicative and provisional. The due date may be taken as confirmed in the absence of changed intimation by the concerned division, before the end of the next working day. Circumstances beyond the control of the laboratory, such as natural calamities, strikes, non availability of critical suppliers and breakdown of equipments may cause delay. However, CTL will make all efforts to keep the customer informed and reduce inconvenience.
10. In case of cancellation of registration for any reason, refund of the test charges, will be made after adjusting the incidental expenses, if any.
11. Unspent sample or samples not accepted for testing, for any reason(s) will be returned to the customer on a written request at his own cost.
12. CTL shall not assume any responsibilities for variation in characteristics of samples taken up for analysis after holding up for want of clarification for the customer.
13. CTL shall not offer any opinion or advice regarding the suitability or otherwise about the sample except as required by the Act.
14. CTL shall indicate the name of the sub contractor who carried out specific tests / or tests as applicable.



CHENNAI

TESTING LABORATORY PRIVATE LIMITED

Testing redefined

www.ctllabs.in

www.foodenvironmenttesting.com

CIN : U74999TN2008PTC067568

TEST REPORT

| | | | |
|--------------------------------|---|--------------------------|--------------------------------------|
| Report Number and date | CTL/CH/M- 2604/2016-17 & 26.10.2016 | | |
| Sample Number | M-2604/16-17 | | |
| Customer Name & Address | The Principal, | | |
| | Nehru Memorial College, Puthanampatti, Tiruchirappalli - 621 007. | | |
| SAMPLE DETAILS | | | |
| Sample Description By Customer | Water - 2 | | |
| Sampling Date | NA | Sampled By | Customer |
| Sampling Location | NA | Sampling Method | NA |
| Quantity Received | 1 Litre x 2 Nos. | Lot / Batch No | Not Available |
| Date of Receipt | 15.10.2016 | Sample Condition | Good & Received in Plastic Container |
| Analysis Starting Date | 17.10.2016 | Analysis Completion Date | 25.10.2016 |

Test Results:

The above sample tested as received, and results are as follows:

| S. NO | PARAMETERS | METHOD | UNITS | RESULTS |
|-------|--|---------------------------------------|-------|---------|
| 1 | pH @ 25°C | IS 3025 (Part 11)-1983 (R.2006) | - | 6.7 |
| 2 | Conductivity | IS 3025 (Part 14)-1984 (R.2006) | µs/cm | 2082 |
| 3 | Total Dissolved Solids | IS 3025 (Part 16)-1984 (R.2006) | mg/l | 1246 |
| 4 | Total Organic Carbon | 5310-C-APHA 22 nd Ed. 2012 | mg/l | 125 |
| 5 | Total Nitrogen | IS 3025 (Part 34) (R.2003) | mg/l | 56.27 |
| 6 | Ammonical Nitrogen as NH ₃ -N | | mg/l | 31.26 |
| 7 | Nitrate Nitrogen as NO ₃ -N | | mg/l | 1.08 |
| 8 | Organic Nitrogen | | mg/l | 23.93 |
| 9 | Total Phosphorous as P | IS 3025 (Part 31)-1988 (R.1999) | mg/l | 3.41 |
| 10 | Ortho Phosphorous (Ortho - P) | IS 3025 (Part 31)-1988 (R.1999) | mg/l | 3.12 |

Verified by

For Chennai Testing Laboratory Pvt Ltd

Authorised Signatory
Technical Manager

Page 1 of 2

The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee to promote his/her own business.

Terms and Conditions

Chennai Testing Laboratory Private Limited (CTL) undertakes the testing / analysis of Sample(s) subject to the following terms and conditions;

1. The results are applicable only to the submitted sample. The test report in full or part shall not be used for any personal or publicity purpose without written consent by Chennai Testing Laboratory Private Limited.
2. In the absence of specific request from the customer, CTL has the freedom to adopt any National/International standard specifications test method for conducting the tests. In the absence / non-accessibility of a standard specification, CTL may suggest a test specification and adopt the same in confirmation from the customer.
3. In the rare event of any deviation from the specified analysis or test method becomes necessary for whatever reasons the customer shall be informed in writing of such deviation, the reasons for it and its adverse effect if any on the result.
4. Samples are not drawn by CTL unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implied.
5. Perishable samples will be destroyed after testing, others after fifteen days from the date of issue of the report, unless otherwise mentioned by the customer or as required by the Act.
6. The laboratory normally will not offer any opinion / advice or recommendation with respect to the suitability or otherwise of the samples for any application or use conforming to a specification or Act, will be mentioned as required by the Act.
7. Under no circumstances, CTL accepts any liability or loss or damage caused by use or misuse of the test report. Liability is limited to the testing fee charged, in case of proven negligence by the Laboratory.
8. Samples drawn under special circumstances, like insurance coverage or medico-legal cases shall be declared by the customer at the time of registration.
9. The due date for availability of Test Report mentioned in the acknowledgement is indicative and provisional. The due date may be taken as confirmed in the absence of changed intimation by the concerned division, before the end of the next working day. Circumstances beyond the control of the laboratory, such as natural calamities, strikes, non availability of critical suppliers and breakdown of equipments may cause delay. However, CTL will make all efforts to keep the customer informed and reduce inconvenience.
10. In case of cancellation of registration for any reason, refund of the test charges, will be made after adjusting the incidental expenses, if any.
11. Unspent sample or samples not accepted for testing, for any reason(s) will be returned to the customer on a written request at his own cost.
12. CTL shall not assume any responsibilities for variation in characteristics of samples taken up for analysis after holding up for want of clarification for the customer.
13. CTL shall not offer any opinion or advice regarding the suitability or otherwise about the sample except as required by the Act.
14. CTL shall indicate the name of the sub contractor who carried out specific tests/or tests as applicable.



CHENNAI

TESTING LABORATORY PRIVATE LIMITED

www.ctllabs.in
www.foodenvironmenttesting.com

CIN : U74999TN2008PTC067568

TEST REPORT

| | |
|------------------------|-------------------------------------|
| Report Number and date | CTL/CH/M- 2604/2016-17 & 26.10.2016 |
|------------------------|-------------------------------------|

| S. NO | PARAMETERS | METHOD | UNITS | RESULTS |
|----------------------|--|--|-----------|---------|
| 11 | Oil & Grease | 5520-O&G-B APHA 22 nd Ed. 2012 (Partition Gravimetric Method) | mg/l | <2 |
| 12 | Biochemical Oxygen Demand (BOD) 3 days at 27°C | 5210-B APHA 22 nd Ed. 2012 | mg/l | 125 |
| 13 | Chemical Oxygen Demand (COD) | 5220-B- APHA 22 nd Ed. 2012 | mg/l | 375 |
| 14 | Total Hardness as CaCO ₃ | IS 3025 (Part 21)-1983 (R.2006) | mg/l | 572 |
| 15 | Calcium as Ca | IS 3025 (Part 40)-1991 (R.2009) | mg/l | 147 |
| 16 | Magnesium as Mg | IS 3025 (Part 46)-1994 (R.2003) | mg/l | 50 |
| 17 | Sodium as Na | IS 3025 (Part 45)-1993 (R.2009) | mg/l | 153 |
| 18 | Potassium as K | IS 3025 (Part 45)-1993 (R.2009) | mg/l | 27 |
| 19 | Chloride (as Cl ⁻) | IS 3025 (Part 32)-1988 (R.2009) | mg/l | 341 |
| 20 | Sulphate as SO ₄ | IS 3025 (Part 24)-1986 (R.2009) | mg/l | 38 |
| Microbiology: | | | | |
| 21 | Total Coliform | IS:1622 : 1981 (R.2009) | MPN/100ml | 900 |

BDL - Below Detection Limit; DL - Detection Limit; NA - Not Applicable

END OF REPORT

For Chennai Testing Laboratory Pvt Ltd

Verified by

Authorised Signatory

A. P. S. S. S. S.
Technical Manager

Page 2 of 2

The Report shall not be used to malign, defame and for any malicious purpose
The Report is meant only for sole use of the addressee to promote his/her own business.

Terms and Conditions

Chennai Testing Laboratory Private Limited (CTL) undertakes the testing / analysis of Sample(s) subject to the following terms and conditions:

1. The results are applicable only to the submitted sample. The test report in full or part shall not be used for any personal or publicity purpose without written consent by Chennai Testing Laboratory Private Limited.
2. In the absence of specific request from the customer, CTL has the freedom to adopt any National/International standard specifications test method for conducting the tests. In the absence / non-accessibility of a standard specification, CTL may suggest a test specification and adopt the same in confirmation from the customer.
3. In the rare event of any deviation from the specified analysis or test method becomes necessary for whatever reasons the customer shall be informed in writing of such deviation, the reasons for it and its adverse effect if any on the result.
4. Samples are not drawn by CTL unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implied.
5. Perishable samples will be destroyed after testing, others after fifteen days from the date of issue of the report, unless otherwise mentioned by the customer or as required by the Act.
6. The laboratory normally will not offer any opinion / advice or recommendation with respect to the suitability or otherwise of the samples for any application or use conforming to a specification or Act, will be mentioned as required by the Act.
7. Under no circumstances, CTL accepts any liability or loss or damage caused by use or misuse of the test report. Liability is limited to the testing fee charged, in case of proven negligence by the Laboratory.
8. Samples drawn under special circumstances, like insurance coverage or medico-legal cases shall be declared by the customer at the time of registration.
9. The due date for availability of Test Report mentioned in the acknowledgement is indicative and provisional. The due date may be taken as confirmed in the absence of changed intimation by the concerned division, before the end of the next working day. Circumstances beyond the control of the laboratory, such as natural calamities, strikes, non availability of critical suppliers and breakdown of equipments may cause delay. However, CTL will make all efforts to keep the customer informed and reduce inconvenience.
10. In case of cancellation of registration for any reason, refund of the test charges, will be made after adjusting the incidental expenses, if any.
11. Unspent sample or samples not accepted for testing, for any reason(s) will be returned to the customer on a written request at his own cost.
12. CTL shall not assume any responsibilities for variation in characteristics of samples taken up for analysis after holding up for want of clarification for the customer.
13. CTL shall not offer any opinion or advice regarding the suitability or otherwise about the sample except as required by the Act.
14. CTL shall indicate the name of the sub contractor who carried out specific tests / or tests as applicable.

Terms and Conditions

Chennai Testing Laboratory Private Limited (CTL) undertakes the testing / analysis of Sample(s) subject to the following terms and conditions:

1. The results are applicable only to the submitted sample. The test report in full or part shall not be used for any personal or publicity purpose without written consent by Chennai Testing Laboratory Private Limited.
2. In the absence of specific request from the customer, CTL has the freedom to adopt any National/International standard specifications test method for conducting the tests. In the absence / non-accessibility of a standard specification, CTL may suggest a test specification and adopt the same in confirmation from the customer.
3. In the rare event of any deviation from the specified analysis or test method becomes necessary for whatever reasons the customer shall be informed in writing of such deviation, the reasons for it and its adverse effect if any on the result.
4. Samples are not drawn by CTL unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implied.
5. Perishable samples will be destroyed after testing, others after fifteen days from the date of issue of the report, unless otherwise mentioned by the customer or as required by the Act.
6. The laboratory normally will not offer any opinion / advice or recommendation with respect to the suitability or otherwise of the samples for any application or use conforming to a specification or Act, will be mentioned as required by the Act.
7. Under no circumstances, CTL accepts any liability or loss or damage caused by use or misuse of the test report. Liability is limited to the testing fee charged, in case of proven negligence by the Laboratory.
8. Samples drawn under special circumstances, like insurance coverage or medico-legal cases shall be declared by the customer at the time of registration.
9. The due date for availability of Test Report mentioned in the acknowledgement is indicative and provisional. The due date may be taken as confirmed in the absence of changed intimation by the concerned division, before the end of the next working day. Circumstances beyond the control of the laboratory, such as natural calamities, strikes, non availability of critical suppliers and breakdown of equipments may cause delay. However, CTL will make all efforts to keep the customer informed and reduce inconvenience.
10. In case of cancellation of registration for any reason, refund of the test charges, will be made after adjusting the incidental expenses, if any.
11. Unspent sample or samples not accepted for testing, for any reason(s) will be returned to the customer on a written request at his own cost.
12. CTL shall not assume any responsibilities for variation in characteristics of samples taken up for analysis after holding up for want of clarification for the customer.
13. CTL shall not offer any opinion or advice regarding the suitability or otherwise about the sample except as required by the Act.
14. CTL shall indicate the name of the sub contractor who carried out specific tests / or tests as applicable.



CHENNAI

TESTING LABORATORY PRIVATE LIMITED

Testing redefined

www.ctllabs.in
www.foodenvironmenttesting.com

CIN : U74999TN2008PTC067568

TEST REPORT

| | |
|------------------------|-------------------------------------|
| Report Number and date | CTL/CH/M- 2605/2016-17 & 26.10.2016 |
|------------------------|-------------------------------------|

| S. NO | PARAMETERS | METHOD | UNITS | RESULTS |
|-------|--|--|-------|---------|
| 11 | Oil & Grease | 5520-O&G-B APHA 22 nd Ed. 2012 (Partition Gravimetric Method) | mg/l | < 2 |
| 12 | Biochemical Oxygen Demand (BOD) 3 days at 27°C | 5210-B APHA 22 nd Ed. 2012 | mg/l | 2 |
| 13 | Chemical Oxygen Demand (COD) | 5220-B- APHA 22 nd Ed. 2012 | mg/l | 9 |
| 14 | Total Hardness as CaCO ₃ | IS 3025 (Part 21)-1983 (R.2006) | mg/l | 180 |
| 15 | Calcium as Ca | IS 3025 (Part 40)-1991 (R.2009) | mg/l | 123 |
| 16 | Magnesium as Mg | IS 3025 (Part 46)-1994 (R.2003) | mg/l | 42 |
| 17 | Sodium as Na | IS 3025 (Part 45)-1993 (R.2009) | mg/l | 34 |
| 18 | Potassium as K | IS 3025 (Part 45)-1993 (R.2009) | mg/l | 5 |
| 19 | Chloride (as Cl ⁻) | IS 3025 (Part 32)-1988 (R.2009) | mg/l | 161 |
| 20 | Sulphate as SO ₄ | IS 3025 (Part 24)-1986 (R.2009) | mg/l | 34 |

Microbiology:

| | | | | |
|----|----------------|-------------------------|-----------|---|
| 21 | Total Coliform | IS:1622 : 1981 (R.2009) | MPN/100ml | 4 |
|----|----------------|-------------------------|-----------|---|

BDL - Below Detection Limit; DL - Detection Limit; NA - Not Applicable

END OF REPORT

N.D.L.

Verified by

For Chennai Testing Laboratory Pvt Ltd

A. Rajan
Authorised Signatory
A. RAJAN
Technical Director

Page 2 of 2

The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee to promote his/her own business.

A - Super 19 | T.V.K. Industrial Estate | Guindy | E-mail : chennaiestinglab@gmail.com
Chennai - 600 032 | Tamil Nadu | India | Telefax : +91-44-2250 1757



CHENNAI

TESTING LABORATORY PRIVATE LIMITED

www.ctllabs.in
www.foodenvironmenttesting.com

CIN : U74999TN2008PTC067568

TEST REPORT

| | | | |
|--------------------------------|---|--------------------------|-------------------------------------|
| Report Number and date | CTL/CH/M- 2606/2016-17 & 26.10.2016 | | |
| Sample Number | M-2606/16-17 | | |
| Customer Name & Address | The Principal, | | |
| | Nehru Memorial College, Puthanampatti, Tiruchirappalli - 621 007. | | |
| SAMPLE DETAILS | | | |
| Sample Description By Customer | Soil - A | | |
| Sampling Date | NA | Sampled By | Customer |
| Sampling Location | NA | Sampling Method | NA |
| Quantity Received | 2 Kg | Lot / Batch No | Not Available |
| Date of Receipt | 15.10.2016 | Sample Condition | Good & Received in Packed Condition |
| Analysis Starting Date | 17.10.2016 | Analysis Completion Date | 25.10.2016 |

Test Results:

The above sample tested as received, and results are as follows:

| S.NO | PARAMETERS | METHOD | UNITS | RESULTS |
|------|-----------------------------|--|-------|-------------|
| 1 | pH | EPA Method-9045 D Rev 4; 2004 | - | 7.9 |
| 2 | Sodium as Na | IS 10158-1982 (RA.2003) | mg/kg | 293 |
| 3 | Total Nitrogen as N | | mg/kg | 256 |
| 4 | Potassium as K | | mg/kg | 327 |
| 5 | Calcium as Ca | FAO Method (Pg.No.44) 2007 (EDTA Titrimetric method) | mg/kg | 536 |
| 6 | Magnesium as Mg | | mg/kg | 116 |
| 7 | Total Phosphorous as P | IS 10158-1982 (RA.2003) | mg/kg | 171 |
| 8 | Total Organic Carbon | FAO Method (Pg. No.61) 2007 (walkley Black wet combustion method) | % | 0.43 |
| 9 | Sulphate as SO ₄ | FAO Method (Pg.No.80) 2007 (Turbidity method) | % | 0.43 |
| 10 | Chloride as Cl | FAO Method (Pg.No.48) 2007 (Titrimetric method) | mg/kg | 237 |
| 11 | Conductivity | IS 14767 : 2000 | µs/cm | 369 |
| 12 | Cadmium as Cd | EPA 3050B - 1996 (Rev -2)/ EPA 7130 - 1986 | mg/kg | BDL(DL:2.0) |
| 13 | Mercury as Hg | EPA 7471A : 2007 (Rev 2) | mg/kg | BDL(DL:0.2) |
| 14 | Lead as Pb | EPA 3050B - 1996 (Rev -2)/ EPA 7420 - 1986 | mg/kg | 5.82 |
| 15 | Arsenic as As | EPA 3050B-1996(Rev-2) /EPA 7061A-1992(Rev-1) | mg/kg | BDL(DL:0.2) |

BDL - Below Detection Limit; DL - Detection Limit; NA - Not Applicable

END OF REPORT

Verified by

For Chennai Testing Laboratory Pvt Ltd

Authorised Signatory
A. RAJKUMAR

The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee to promote his/her own business.

A - Super 19 | T.V.K. Industrial Estate | Guindy | E-mail : chennaiestinglab@gmail.com
Chennai - 600 032 | Tamil Nadu | India | Telefax : +91-44-2250 1757



CHENNAI

TESTING LABORATORY PRIVATE LIMITED

www.ctllabs.in
www.foodenvironmenttesting.com

CIN : U74999TN2008PTC067568

TEST REPORT

| | | | |
|--------------------------------|---|--------------------------|-------------------------------------|
| Report Number and date | CTL/CH/M- 2607/2016-17 & 26.10.2016 | | |
| Sample Number | M-2607/16-17 | | |
| Customer Name & Address | The Principal, | | |
| | Nehru Memorial College, Puthanampatti, Tiruchirappalli - 621 007. | | |
| SAMPLE DETAILS | | | |
| Sample Description By Customer | Soil - B | | |
| Sampling Date | NA | Sampled By | Customer |
| Sampling Location | NA | Sampling Method | NA |
| Quantity Received | 2 Kg | Lot / Batch No | Not Available |
| Date of Receipt | 15.10.2016 | Sample Condition | Good & Received in Packed Condition |
| Analysis Starting Date | 17.10.2016 | Analysis Completion Date | 25.10.2016 |

Test Results:

The above sample tested as received, and results are as follows:

| S. NO | PARAMETERS | METHOD | UNITS | RESULTS |
|-------|-----------------------------|---|-------|-------------|
| 1 | pH | EPA Method-9045 D Rev 4; 2004 | - | 7.8 |
| 2 | Sodium as Na | IS 10158-1982 (RA.2003) | mg/kg | 428 |
| 3 | Total Nitrogen as N | | % | 0.11 |
| 4 | Potassium as K | FAO Method (Pg.No.44) 2007 (EDTA Titrimetric method) | mg/kg | 1168 |
| 5 | Calcium as Ca | | mg/kg | 341 |
| 6 | Magnesium as Mg | IS 10158-1982 (RA.2003) | mg/kg | 353 |
| 7 | Total Phosphorous as P | | mg/kg | 355 |
| 8 | Total Organic Carbon | FAO Method (Pg. No.61) 2007 (walkley Black wet combustion method) | % | 0.26 |
| 9 | Sulphate as SO ₄ | FAO Method (Pg.No.80) 2007 (Turbidity method) | % | 0.183 |
| 10 | Chloride as Cl | FAO Method (Pg.No.48) 2007 (Titrimetric method) | mg/kg | 62 |
| 11 | Conductivity | IS 14767 : 2000 | µs/cm | 416 |
| 12 | Cadmium as Cd | EPA 3050B - 1996 (Rev -2)/ EPA 7130 - 1986 | mg/kg | BDL(DL:2.0) |
| 13 | Mercury as Hg | EPA 7471A : 2007 (Rev 2) | mg/kg | BDL(DL:0.2) |
| 14 | Lead as Pb | EPA 3050B - 1996 (Rev -2)/ EPA 7420 - 1986 | mg/kg | 6.87 |
| 15 | Arsenic as As | EPA 3050B-1996(Rev-2) /EPA 7061A-1992(Rev-1) | mg/kg | 0.21 |

BDL - Below Detection Limit; DL - Detection Limit; NA - Not Applicable

END OF REPORT

NDL

Verified by

For Chennai Testing Laboratory Pvt Ltd

A. Dey
Authorised Signatory

The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee to promote his/her own business.

A - Super 19 | T.V.K. Industrial Estate | Guindy
Chennai - 600 032 | Tamil Nadu | India

E-mail : chennai.testinglab@gmail.com
Telefax : +91-44-2250 1757

Page 1 of 1