

## PRICE LIST 2023-2025



Reference Materials for Calibration  
& Standardization of Analytical Laboratory  
Quality Monitoring System and Catalogue for  
the Services Provided by EQR in Relevant Fields.

# ENVIRNOTECH QUALITY RESEARCH

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# ENVIROTECH QUALITY RESEARCH INDIA



Reference Materials for Calibration & Standardization of Water Quality Monitoring System In addition, CatLog for the Services Provided by EQR in Relevant Field.



## *Envirnotech Quality Research* **INDEX**

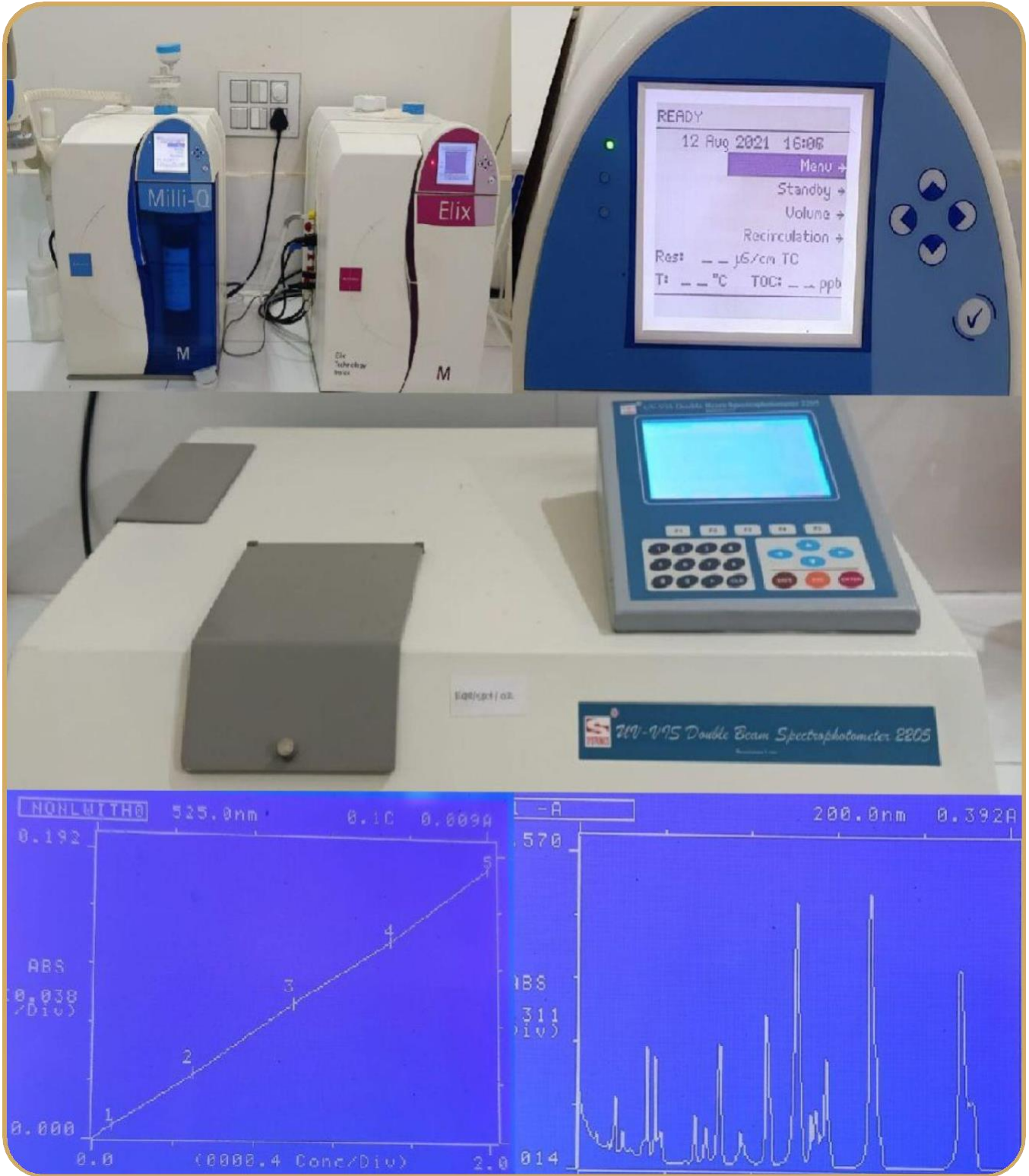
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### **Terms & Conditions**

- All prices are for delivery to destination by road transport only.
  - GST will charged extra, as applicable at the time of delivery.
  - Prices are exclusive of GST.
  - The material is for laboratory use only. There'll be no liability in case of mishandling/misuse.
  - Under unavoidable circumstances, there will be no liability for delay in delivery.
  - **The price list is effective from 1st April 2021. The GST rates are provisional & may alter during implementation based on further inputs from GST Council.**
- \*An ISO 17025 Accredited Testing Laboratory .**



# Envirnotech Quality Research





# Envirnotech Quality Research

## CERTIFICATE

**CERTIFICATE**



### CERTIFICATE

*This is to Certify that*

**ENVIRNOTECH QUALITY RESEARCH**

DHV – 3/51, DANISH HILLS, KOLAR ROAD, BHOPAL,  
MADHYA PRADESH, INDIA

*has been independently assessed and is compliant with the requirement of:*

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(Environmental Management System)

*This certificate is applicable to the following product or service ranges:*

MANUFACTURING OF R.M., LABORATORY REAGENTS, WATER TESTING KITS & CALIBRATION MATERIAL

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| Certificate No.: SPC17E1102 | Date of Initial Registration:    | 10-02-2014 |
|                             | Date of This Certificate:        | 10-03-2021 |
|                             | Surveillance audit on or before: | 10-02-2022 |
|                             | Date of Expiry*:                 | 10-02-2022 |

*Michel*

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**CERTIFICATE**



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DHV – 3/51, DANISH HILLS, KOLAR ROAD, BHOPAL,  
MADHYA PRADESH, INDIA

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|                             | Date of This Certificate:     | 23-09-2020 |
|                             | Date of Expiry*:              | 20-06-2021 |
|                             | Date of Re-Certification:     | 20-06-2021 |

*Michel*

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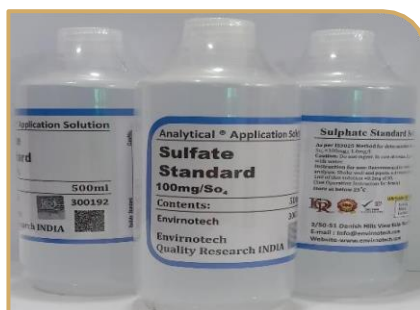
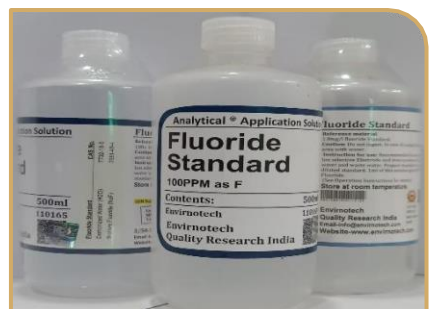
# Envirnotech Quality Research

## STANDARD REFERENCE MATERIAL

Envirnotech Quality Research, provides Reference Material especially for drinking water testing & soil testing laboratories for day-to-day standardization and calibration of laboratory instruments since last 15 years. These Reference material are prepare using traceable chemicals of highest purity and verified through its own ISO/IEC 17025:2017 CERTIFIED QUALITY CONTROL TESTING LABORATORY to ensure its traceability to SI Units.

The assigned value and MU are calculated as per norms of ISO 13528:2015. 10 Samples from every lot are tested in accredited 17025:2017 testing laboratory to establish Homogeneity as per ISO Guide 35:2017

These Reference materials are best suited economically for testing laboratories and can be cross verified by NIST Standard. Shelf life of these standards are 2-3 years from date manufacture.



## REFERENCE STANDARDS



REFERENCE STANDARDS

Sodium Carbonate (Alkalinity) Standard Solution (1000 PPM)

Sodium carbonate standard for Standardization of Sulphuric /Hydrochloric Acid used in titration for determination of Alkalinity.

CONTENTS

Deionized Water (H2O)
Sodium Carbonate (Na2CO3)

Cas No : 7732 - 18 - 5
Cas No : 497 - 19 - 8

SODIUM CARBONATE (ALKALINITY) STANDARD

Table with 6 columns: Catalogue No., Description, HSN Code, GST Rate, Pack Size, Price (INR). Rows include Sodium Carbonate (alkalinity) Standard 1000mg/l as CaCO3 and Sodium Carbonate (alkalinity) Standard 0.1N as CaCO3 (Tracable).

Arsenic Standard

As per requirement of IS 3025 part 37 for determination of Arsenic in water.

CONTENTS

Deionized Water (H2O)
Arsenic trioxide (As2O3)
Sodium Hydroxide (NaOH)
Hydro chloric Acid (HCL)

Cas No 7732 - 18 - 5
Cas No 1327 - 53 - 3
Cas No 12179 - 02 - 1
Cas No 7647 - 01 - 0

ARSENIC STANDARD

Table with 6 columns: Catalogue No., Description, HSN Code, GST Rate, Pack Size, Price (INR). Rows include Arsenic III, 10 ±0.1mg/l in 500 ml and 100 ml packs.



REFERENCE STANDARDS

COD Standards

For accurate estimation of chemical oxygen demand and standardization of COD test procedures as per the requirement for assessment of pollution in water and waste water.

Table with 6 columns: Catalogue No., Description, HSN Code, GST Rate, Pack Size, Price (INR). Rows include 10012 and 10012A.

Calcium Carbonate (Hardness) Standard Solution

For standardization of EDTA used in determination of Total Hardness, Calcium & Magnesium.

CONTENTS

- Deionized Water (H2O)
Calcium Carbonate (CaCO3)
Nitric Acid (HNO3)
Hydrochloric Acid (HCL)
Cas No 7732 - 18 - 5
Cas No 471 - 34 - 1
Cas No 7691 - 37 - 2
Cas No 7647 - 01 - 0

Table with 6 columns: Catalogue No., Description, HSN Code, GST Rate, Pack Size, Price (INR). Rows include 700001 and 700001CA.

Sodium Chloride (TDS) Standard

For Calibration of TDS Meter

CONTENTS

- Deionized Water (H2O)
Sodium Chloride (NaCL)
Cas No 7732 - 18 - 5
Cas No 7647 - 14 - 5

Table with 6 columns: Catalogue No., Description, HSN Code, GST Rate, Pack Size, Price (INR). Row includes 280266A.





## Envirnotech Quality Research

### REFERENCE STANDARDS

#### Chloride Standard Solution

For standardization of Silver Nitrate specially used in titrimetric determination of Chloride in water and waste water.

#### CONTENTS

Deionized Water (H<sub>2</sub>O)  
Sodium Chloride (NaCl)

Cas No: 7732 - 18 - 5  
Cas No: 7647 - 14 - 5

#### CHLORIDE STANDARD SOLUTION

| Catalogue No. | Description                    | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--------------------------------|----------|----------|-----------|-------------|
| 800001        | Chloride 500mg ± 5 mg/l as CL  | 9802     | 12%      | 500 ml    | 3630        |
| 800001A       | Chloride 1000mg ± 5 mg/l as CL | 9802     | 12%      | 500ml     | 3850        |

#### Potassium Chloroplatinate (colour) Standard Solution

Determination of Colour in drinking Water and liquid waste or solutions.

#### CONTENTS

Deionized Water (H<sub>2</sub>O)  
Potassium Chloroplatinate  
Coaltous Chloride  
Hydrochloric Acid

Cas No 7732 - 18 - 5  
Cas No 16921 - 30 - 5  
Cas No 7646 - 79 - 9  
Cas No 7647 - 01 - 0

#### POTASSIUM CHLOROPLATINATE (COLOUR) STANDARD SOLUTION

| Catalogue No. | Description                   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|-------------------------------|----------|----------|-----------|-------------|
| 600001        | Colour standard 50 ± 1 Hazen  | 9802     | 12%      | 500 ml    | 7700        |
| 600001A       | Colour standard 100 ± 1 Hazen | 9802     | 12%      | 500 ml    | 9900        |
| 600010        | Colour standard 500 ± 5 Hazen | 9802     | 12%      | 100 ml    | 6600        |
| 600010A       | Colour standard 500 ± 5 Hazen | 9802     | 12%      | 500 ml    | 19800       |
| 600010AA      | Colour standard 500 ± 5 Hazen | 9802     | 12%      | 250 ml    | 11000       |



## Envirnotech Quality Research

### REFERENCE STANDARDS

### Conductivity Standards

For Calibration of Conductivity / TDS meter, estimation of cell constants

#### CONTENTS

Deionized Water (H<sub>2</sub>O)  
Potassium Chloride (KCL)

Cas No: 7732 - 18 - 5  
Cas No: 7447 - 40 - 7

### POTASSIUM CHLORIDE / CONDUCTIVITY STANDARDS

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| 290692        | Conductivity 147 ± 5 µmho / cm                                  | 9802     | 12%      | 500 ml    | 3630        |
| 280266        | Conductivity 1000 ± 10 µmho / cm,<br>TDS– 498 mg / l as NaCl    | 9802     | 12%      | 500 ml    | 3630        |
| 210604A       | Conductivity 1410 ± 10 µmho / cm,<br>TDS - 700 mg / l as KCL    | 9802     | 12%      | 500 ml    | 3630        |
| 210604        | Conductivity 1416 ± 10 µmho / cm,<br>TDS - 703 mg / l as KCL    | 9802     | 12%      | 500 ml    | 3630        |
| 200247        | Conductivity 12900 ± 10 µmho / cm,<br>TDS - 7230 mg / l as NaCl | 9802     | 12%      | 500 ml    | 3630        |

### Fluoride Standards

Fluoride standards are used in ion - selective electrode method and colorimetric method for determination of fluoride in water and wastewater.

#### CONTENTS

Deionized Water (H<sub>2</sub>O)  
Sodium Fluoride (NaF)

Cas No : 7732 - 18 - 5  
Cas No : 7681 - 49 - 4

### FLUORIDE STANDARDS

| Catalogue No. | Description                       | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|-----------------------------------|----------|----------|-----------|-------------|
| 110165A       | Fluoride standards 1 ± 0.01 mg/ l | 9802     | 12%      | 500 ml    | 3300        |
| 110165        | Fluoride standards 100 ± 1 mg/ l  | 9802     | 12%      | 500 ml    | 5500        |
| 110165AA      | Fluoride standards 10 ± 0.01 mg/l | 9802     | 12%      | 500 ml    | 4620        |
| 110165A1      | Fluoride standards 1000± 2 mg/l   | 9802     | 12%      | 500 ml    | 5500        |



## REFERENCE STANDARDS

### Iron Standards

For Determination of Iron using AAS/ colorimetric procedures

#### CONTENTS

Deionized Water (H<sub>2</sub>O)  
Iron Metal (Fe)  
Hydrochloric acid (HCl)  
Nitric Acid (HNO<sub>3</sub>)

Cas No. : 7732 - 18 - 5  
Cas No. : 16921 - 30 - 5  
Cas No. : 7646 - 79 - 9  
Cas No. : 7647 - 01 - 0

### IRON STANDARDS

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| 031262        | Iron standard 100 mg ± 1 mg / l as Fe <sup>++</sup>   | 9802     | 12%      | 500 ml    | 3300        |
| 031262A       | Iron standard 100 mg ± 1 mg / l as Fe <sup>++</sup>   | 9802     | 12%      | 100 ml    | 1400        |
| 031262AA      | Iron standard 1000 mg ± 10 mg / l as Fe <sup>++</sup> | 9802     | 12%      | 500 ml    | 4400        |

### Manganese Standards

For Determination of manganese in water using AAS/ colorimetric procedures

#### CONTENTS

Deionized Water (H<sub>2</sub>O)  
Hydrochloric Acid (HCl)  
Nitric Acid (HNO<sub>3</sub>)  
Manganese (MnO<sub>2</sub>)

Cas No. : 7732 - 18 - 5  
Cas No. : 7646 - 79 - 9  
Cas No. : 7647 - 01 - 0  
Cas No. : 1313 - 13 - 9

### MANGANESE STANDARDS

| Catalogue No. | Description                                     | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| 200886AA      | Manganese Standard as 100 ±<br>1 mg / l as Mn   | 9802     | 12%      | 500 ml    | 4400        |
| 200886        | Manganese Standard as 100 ±<br>1 mg / l as Mn   | 9802     | 12%      | 100 ml    | 1500        |
| 200886A       | Manganese Standard as 1000 ±<br>10 mg / l as Mn | 9802     | 12%      | 500 ml    | 4620        |



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### REFERENCE STANDARDS

### Nitrate Standards

For determination of Nitrate using Ion selective / Colorimetric / (PDA) method.

#### CONTENTS

Deionized Water (H<sub>2</sub>O)

Cas No. : 7732 - 18 - 5

Potassium Nitrate (KNO<sub>3</sub>)

Cas No. : 7757 - 79 - 1

Chloroform(CHCl<sub>3</sub>)

Cas No. : 67 - 66 - 3

### NITRATE STANDARDS

| Catalogue No.     | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|-------------------|---|----------|----------|-----------|-------------|
| 101297            | Nitrate Standards 1000 ± 10 mg / l as Nitrogen  | 9802     | 12%      | 500 ml    | 6600        |
| 101297A           | Nitrate Standards 100 ± 1 mg / l as Nitrogen  | 9802     | 12%      | 500 ml    | 6600        |
| 101297AA          | Nitrate Standards 100 ± 1 mg / as Nitrogen  | 9802     | 12%      | 100 ml    | 2800        |
| 030707            | Nitrate Standards 1000 ± 10 mg / l as Nitrate   | 9802     | 12%      | 500 ml    | 6600        |
| 030707A           | Nitrate Standards 100 ± 1 mg / l as Nitrate   | 9802     | 12%      | 500 ml    | 6600        |
| 030707AA          | Nitrate Standards 1000 ± 10 mg / l as Nitrate   | 9802     | 12%      | 100 ml    | 2800        |
| 030707A1<br>(New) | Nitrate Standards 100 ± 1 mg / l as Nitrate (PDA Added Specially for PDA Method only) | 9802     | 12%      | 500 ml    | 6600        |

### Sulphate Standards

For determination of Sulphate in Water & waste water using Turbidity Method.

#### CONTENTS

Deionized Water (H<sub>2</sub>O)

Cas No. : 7732 - 18 - 5

Sodium Sulphate (Na<sub>2</sub>SO<sub>4</sub>)

Cas No. : 7757 - 82 - 6

### SULPHATE STANDARDS

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| 300192        | Sulphate Standard 100 mg ± 1 mg / l as SO <sub>4</sub> | 9802     | 12%      | 500 ml    | 3300        |
| 300192 A      | Sulphate Standard 100 mg ± 1 mg / l as SO <sub>4</sub> | 9802     | 12%      | 100 ml    | 1600        |



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## REFERENCE STANDARDS

### pH Buffer Standard

For calibration of pH meter

#### pH BUFFER STANDARD

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| 903000        | pH Buffer Standard for pH 1.68 ± 0.05 at 25°C Colour less  | 9802     | 18%      | 500 ml    | 3300        |
| 903001        | pH Buffer Standard for pH 3.00 ± 0.02 at 25°C Colour less  | 9802     | 18%      | 500 ml    | 3300        |
| 903178        | pH Buffer Standard for pH 4.01 ± 0.02 at 25°C Colour less  | 9802     | 18%      | 500 ml    | 3300        |
| 901099        | pH Buffer Standard for pH 7.00 ± 0.10 at 25°C Colour less  | 9802     | 18%      | 500 ml    | 3300        |
| 900778        | pH Buffer Standard for pH 9.18 ± 0.10 at 25°C Colour less  | 9802     | 18%      | 500 ml    | 3300        |
| 900778A       | pH Buffer Standard for pH 10.00 ± 0.10 at 25°C Colour less | 9802     | 18%      | 500 ml    | 3300        |

### Sodium Standards

For determination of Sodium using Flame photometer Method.

#### CONTENTS

Deionized Water (H<sub>2</sub>O)  
Sodium Chloride (NaCl)

Cas No. : 7732 - 18 - 5  
Cas No. : 7647 - 14 - 5

#### SODIUM STANDARDS

| Catalogue No. | Description                       | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|-----------------------------------|----------|----------|-----------|-------------|
| SN10001       | Sodium Standard 100 ±1mg/l as Na  | 9802     | 18%      | 500ml     | 3300        |
| SN10001A      | Sodium Standard 1000 ±5mg/l as Na | 9802     | 18%      | 500ml     | 4000        |



## Envirnotech Quality Research

### REFERENCE STANDARDS

#### Potassium Standards

For determination of Potassium using Flame photometer Method.

##### CONTENTS

Deionized Water (H<sub>2</sub>O)

Cas No. : 7732 - 18 - 5

Potassium Chloride (KCL)

Cas No. : 7447 - 40 - 7

#### POTASSIUM STANDARDS

| Catalogue No. | Description                            | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| SN20001       | Potassium Standard 100 ± 1 mg/l as K   | 9802     | 18%      | 500ml     | 3800        |
| SN20002       | Potassium Standard 1000 ± 10 mg/l as K | 9802     | 18%      | 500ml     | 5000        |

#### Phosphate Standards

For determination of Phosphate in water and soil.

##### CONTENTS

Deionized Water (H<sub>2</sub>O)

Cas No. : 7732 - 18 - 5

Potassium Dihydrogen Phosphate (KH<sub>2</sub>PO<sub>4</sub>)

Cas No. : 7778 - 77 - 0

#### PHOSPHATE STANDARDS

| Catalogue No. | Description                                    | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| SN30001       | Phosphate Standard 50 mg/l as PO <sub>4</sub>  | 9802     | 18%      | 500ml     | 3300        |
| SN30002       | Phosphate Standard 100 mg/l as PO <sub>4</sub> | 9802     | 18%      | 500ml     | 3300        |

#### Turbidity Standard

For Determination of Turbidity in Drinking Water.

##### CONTENTS

Deionized Water (H<sub>2</sub>O)

Cas No. : 7732 - 18 - 5

Hexamine

Cas No. : 100 - 97 - 0

Hydrazine Sulphate

Cas No. : 10034 - 93 - 2

#### TURBIDITY STANDARDS

| Catalogue No. | Description             | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|-------------------------|----------|----------|-----------|-------------|
| 900001        | Turbidity 400 ± 4 NTU   | 9802     | 18%      | 500 ml    | 3300        |
| 900000        | Turbidity 500 ± 5 NTU   | 9802     | 18%      | 500ml     | 3300        |
| 900001A       | Turbidity 1000 ± 10 NTU | 9802     | 18%      | 500 ml    | 3300        |
| 900002        | Turbidity 4000 ± 40 NTU | 9802     | 18%      | 500 ml    | 6000        |
| 900003        | Turbidity 100 * ± 1 NTU | 9802     | 18%      | 100 ml    | 2000        |
| 900 004       | Turbidity 10* ± 0.5 NTU | 9802     | 18%      | 100 ml    | 2000        |

\*Shelf life 6 month.



# Envirnotech Quality Research



EQR offer a single point complete solution for testing of specific parameter such as Iron, Manganese, sulphate and microbiological test as per specific Laboratory test method. All reagents are prepared using chemicals of highest purity and standard procedures to obtain the reliable and reproducible results.



We also produce ready to use reagent set for determination of purity of chemicals used in water treatment.



All the methods are user friendly based on IS/APHA methods. We also provides standard operating procedures (SOP'S) for all test methods, in Hindi language that are comprehensible for the analyst.

## LABORATORY - ANALYTICAL TESTING REAGENT SET (PARAMETER WISE)



**TEST METHOD REAGENT SET/KITS**

**Iron Test Reagent Set**

For determination of IRON as per IS-3025 PART: 53 each set consist of the following mentioned below:

| IRON TEST REAGENT SET |   |          |          |          |           |             |
|-----------------------|---|----------|----------|----------|-----------|-------------|
| Catalogue No.         | Description   | Quantity | HSN Code | GST Rate | Pack Size | Price (INR) |
| 301101                | Hydrochloric acid<br>(Cas No. 7647 - 01- 03)<br>Iron <0.00002%      | 1X500ml  | 3822     | 12%      | One Set   | 10500       |
|                       | Hydroxylamine Hydrochloride<br>(Cas No. 5470 - 11- 1 ) 10% w/v      | 1X500ml  |          |          |           |             |
|                       | Sodium Acetate / Ammonium Acetate<br>(Cas No. 127- 09 - 3 ) 25% w/v | 2X1000ml |          |          |           |             |
|                       | 1:10 Phenanthroline solution<br>(Cas No. 66 - 71- 7) GR             | 1X500ml  |          |          |           |             |
|                       | Iron Standard 100 ppm   | 1X100ml  |          |          |           |             |
|                       | Blank solution for Iron test  | 1X250ml  |          |          |           |             |
|                       | Plastic dropper   | 1 Pack.  |          |          |           |             |
|                       | Glass dropper   | 1 Pack   |          |          |           |             |
|                       | Glass beads   | 1X50gm   |          |          |           |             |
|                       | Procedure manual  | 1 No.    |          |          |           |             |

**Manganese Test Reagent Set**

Manganese Test reagent set/kit For 200 determination as per laboratory IS-3025 PART : 59 approved method.

| MANGANESE TEST REAGENT SET |  |          |          |          |           |             |
|----------------------------|--|----------|----------|----------|-----------|-------------|
| Catalogue No.              | Description                                | Quantity | HSN Code | GST Rate | Pack Size | Price (INR) |
| 030300                     | Special Reagent for manganese              | 1X500ml  | 3822     | 12%      | One Set   | 10400       |
|                            | Ammonium per sulphate (Cas No. -7727-54-0) | 500 gm   |          |          |           |             |
|                            | Manganese Standard                         | 1X100ml  |          |          |           |             |
|                            | Glass Beads                                | 1X50gm   |          |          |           |             |
|                            | Blank Manganese                            | 1X100ml  |          |          |           |             |
|                            | Procedure manual                           | 1 No.    |          |          |           |             |
|                            | Plastic dropper                            | 1 Pack.  |          |          |           |             |
|                            | Glass dropper                              | 1 Pack.  |          |          |           |             |
|                            | Permanent Marker                           | 1 Pc     |          |          |           |             |
|                            | Spatula                                    | 1 Pc     |          |          |           |             |





**TEST METHOD REAGENT SET/KITS**

**Ready to Use Microbiological Test Set**

As per APHA approved method (For rapid direction of Total coliform and thermo- tolerant coliform in drinking water using membrane Filtration method):

| MICROBIOLOGICAL TEST SET |  |             |          |          |           |             |
|--------------------------|--|-------------|----------|----------|-----------|-------------|
| Catalogue No.            | Description  | Quantity    | HSN Code | GST Rate | Pack Size | Price (INR) |
| 300186                   | M7 hr FC Agar  | 1X100 gm    | 3822     | 12%      | One Set   | 17000       |
|                          | Membrane individually sterilized Dia 47 mm, Pore size 0.45 Micron Gridded, Certified | 100 PC      |          |          |           |             |
|                          | Autoclavable & Reusable Aluminum Petriplates Dia 55 mm                               | 10 Nos      |          |          |           |             |
|                          | Forceps  | 1 No        |          |          |           |             |
|                          | Sterilization indicator tape   | 1 No        |          |          |           |             |
|                          | Label Steakers(pack of 100), Napkin  | 1 Pack each |          |          |           |             |
|                          | Permanent Marker   | 1 Pc        |          |          |           |             |
|                          | Spatula, Procedure Manual  | 1 Pc        |          |          |           |             |

**Ready to use Sulphate test reagent set as per IS-3025 PART:24 for 200 TEST**

| SULPHATE TEST REAGENT SET |  |          |          |          |           |             |
|---------------------------|--|----------|----------|----------|-----------|-------------|
| Catalogue No.             | Description  | Quantity | HSN Code | GST Rate | Pack Size | Price (INR) |
| 030900                    | Barium chloride GR* (Cas No - 10361-32-2) (Repacked) | 1X500 gm | 3822     | 12%      | One Set   | 6000        |
|                           | Conditioning Reagent                                 | 1X250 ml |          |          |           |             |
|                           | Sulphate Free Distilled Water                        | 1X500 ml |          |          |           |             |
|                           | Sulphate Standard (100mg/l as SO <sub>4</sub> )      | 1X100 ml |          |          |           |             |
|                           | Procedure manual                                     | 1 No.    |          |          |           |             |
|                           | Permanent Marker                                     | 1 Pc     |          |          |           |             |
|                           | Spatula  | 1 Pc     |          |          |           |             |



**TEST METHOD REAGENT SET/KITS**

**Auto Calve Sterilization Check Kit / Tape**

Sterilization indicator tap to find out the proper sterilization with the help in the change of colour in chemical pasted on tape.

**AUTO CALVE STERILIZATION CHECK KIT / TAPE**

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| 0011          | Auto Clave Sterilization Check Kit / Tape (18mm) with procedure manual | 3822     | 12%      | One Pack  | 4400        |

**Other laboratory Reagent set**

Various Laboratory Reagent Sets, which are used for general purposes in Laboratory.

**OTHER LABORATORY REAGENT SET**

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| 000003        | Laboratory First Aid box with wall mounting facilities with medicine, surgical items (Total 24 items) and SOP  | 9018     | 12%      | One No.   | 3600        |
| 1101          | Turbidity Tube Set For Simple Measurement of turbidity in the field, measurement range 10 - 25 - 50 - 100 - 250 250 turbidity unit, made of TPX Polypropylene with procedure Manual                  | 3926     | 28%      | One set   | 2000        |
| 3333          | Color Test Kit, Range 0-15-25-30-50-70 &100 Hazen standards sealed in Nasser tube with carry case and 2 nessler tube   | 3822     | 12%      | One set   | 15000       |
| 10187         | Fluoride Test Kit Set et Based on Alzarine method for rapid detection of fluoride, consist of 100ml reagent, Plastic Nessler cylinder, measuring cylinder, dropper and procedure manual for 100 test | 3822     | 12%      | One set   | 3300        |
| 140217        | Arsenic test reagent set/kit for determination of arsenic as per IS-3025 PART: 37 in water and wastewater with generator, reagents, sop in Hindi for 100 determination                               | 3822     | 12%      | One set   | 9900        |
| 5555          | Nitrate Test Reagent Set Based on PDA method contains PDA 500ml, Nitrate standard 1X100ml, PDA added, Ammonia solution 2X500ml with Procedure manual for 200 tests                                   | 3822     | 12%      | One set   | 16500       |
| 140990        | pH Test Kit Set With all 11 indicators 100 ml each as per IS Specification   | 3822     | 12%      | One set   | 7600        |



## TEST METHOD REAGENT SET/KITS

### Spectrophotometer Calibration Kit Set

Spectrophotometers are colorimetric instruments; they are accurate; however, it is essential to check performance of wavelength accuracy,, absorbance power on fixed time interval to ensure its accuracy in their performance.

ENVIRNOTECH QUALITY RESEARCH Private Limited Bhopal Provides Reference Material in spectrophotometer calibration kit, which is based on principle of calibration of instrument by NIST (National Institutes of Standards and Technology) and India Pharmacopeia, This kit is specially designed for Uv-Visual and visual spectrophotometer internal calibration check.

This spectrophotometer calibration kit is used for following purpose :

- Ensure the satisfactory performance of spectrophotometer.
- Detection of instruments at assistance in repair.
- Capability of optical device/system for specific wavelength range.

The Kit consist CRMs for calibration of visual and Uv spectrophotometers with their procedures and formate for record keeping of internal calibration.

### SPECTROPHOTOMETER CALIBRATION KIT SET

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| SCK0010       | Contains Reference standard for Holmium oxide, Toluene in Hexene, Potassium Chloride, Dichromate Copper sulphate & Blank (60 ml each) with procedure manual, Report format etc. | 3822     | 12%      | One Set   | 16500       |

### Laboratory test reagent set for purity test of chemicals used in water purification

### LABORATORY TEST REAGENT SET FOR PURITY TESTING

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| 300692        | Alum test reagent set for water soluble aluminum compound & Iron in Alum (As Per IS 299 :2012) with SOP in Hindi                               | 3822     | 12%      | 1 Set     | 13200       |
| 290692        | PAC test reagent set for Aluminum oxide in Poly - aluminum Chloride with SOP in Hindi (As per IS Method)                                       | 3822     | 12%      | 1 Set     | 9350        |
| 140992        | Lime test reagent set for available lime in Hard and soft lime (As per IS1514:Reaffirmed 2010) with SOP in Hindi                               | 3822     | 12%      | 1 Set     | 7800        |
| 121195        | Chlorine test reagent set For available Chlorine in Sodium Hypochlorite / Chloride Table/ Bleaching powder with SOP in Hindi As per IS methods | 3822     | 12%      | 1 Set     | 7800        |
| 210904        | Dissolve oxygen test reagent set/kit with SOP in Hindi for 50 determination as per IS 3025 PART: 38  | 3822     | 12%      | 1 Set     | 7700        |



periodic table of the elements

| KEY |    | Common Oxidation States |    | Atomic Number |    | Atomic Symbol |          | Electron Configuration of Outer Shells |  |
|-----|----|-------------------------|----|---------------|----|---------------|----------|--|--|
| +1  | -1 | +1                      | +3 | 79            | Au | 196.9665      | -32-18-1 |  |  |

| Transition Elements        |                                  |                                  |                                  |                                   |                            |                            |                            |                             |                           |                             |                           |  |  |  |  |  |  |                      |                        |                                     |                            |                             |                            |                           |                            |            |  |
|----------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|--|--|--|--|--|--|----------------------|------------------------|-------------------------------------|----------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|------------|--|
| 3B                         | 4VB                              | 5VB                              | 6VB                              | 7VB                               | 8VB                        | 9VB                        | 10VB                       | 11B                         | 12B                       |                             |                           |  |  |  |  |  |  | 13B                  | 14VB                   | 15VB                                | 16VB                       | 17VB                        | 18VB                       |                           |                            |            |  |
| Scandium<br>21<br>+3       | Titanium<br>22<br>+2, +3, +4, +5 | Vanadium<br>23<br>+2, +3, +4, +5 | Chromium<br>24<br>+2, +3, +4, +6 | Manganese<br>25<br>+2, +3, +4, +7 | Iron<br>26<br>+2, +3       | Cobalt<br>27<br>+2, +3     | Nickel<br>28<br>+2         | Copper<br>29<br>+1, +2      | Zinc<br>30<br>+2          |                             |                           |  |  |  |  |  |  | Boron<br>5<br>+3     | Carbon<br>6<br>+2, +4  | Nitrogen<br>7<br>+1, +2, +3, +4, +5 | Oxygen<br>8<br>+1, -2      | Fluorine<br>9<br>-1         | Neon<br>10                 | Helium<br>2               |                            |            |  |
| Calcium<br>20<br>+2        | Ti<br>47.867<br>-8-10-2          | V<br>50.9414<br>-8-11-2          | Cr<br>51.9961<br>-8-13-1         | Mn<br>54.938049<br>-8-13-2        | Fe<br>55.845<br>-8-14-2    | Co<br>58.933200<br>-8-15-2 | Ni<br>58.6934<br>-8-16-2   | Cu<br>63.546<br>-8-18-1     | Zn<br>65.39<br>-8-18-2    |                             |                           |  |  |  |  |  |  | Aluminum<br>13<br>+3 | Si<br>28.0855<br>2-8-4 | P<br>30.973761<br>2-8-5             | S<br>32.065<br>2-8-6       | Cl<br>35.453<br>2-8-7       | Argon<br>39.948<br>2-8-8   |                           |                            |            |  |
| K<br>39.0983<br>-8-8-1     | Ca<br>40.078<br>-8-8-2           | Sc<br>44.955910<br>-8-9-2        | Ti<br>47.867<br>-8-10-2          | V<br>50.9414<br>-8-11-2           | Cr<br>51.9961<br>-8-13-1   | Mn<br>54.938049<br>-8-13-2 | Fe<br>55.845<br>-8-14-2    | Co<br>58.933200<br>-8-15-2  | Ni<br>58.6934<br>-8-16-2  | Cu<br>63.546<br>-8-18-1     | Zn<br>65.39<br>-8-18-2    |  |  |  |  |  |  |                      |                        | Al<br>26.98154<br>2-8-3             | Si<br>28.0855<br>2-8-4     | P<br>30.973761<br>2-8-5     | S<br>32.065<br>2-8-6       | Cl<br>35.453<br>2-8-7     | Ar<br>39.948<br>2-8-8      |            |  |
| Rb<br>85.4678<br>-18-8-1   | Sr<br>87.62<br>-18-8-2           | Y<br>88.90585<br>-18-9-2         | Zr<br>91.224<br>-18-10-2         | Nb<br>92.90638<br>-18-12-1        | Mo<br>95.94<br>-18-13-1    | Tc<br>98<br>-18-13-2       | Ru<br>101.07<br>-18-15-1   | Rh<br>102.90550<br>-18-16-1 | Pd<br>106.42<br>-18-18-0  | Ag<br>107.8682<br>-18-18-1  | Cd<br>112.411<br>-18-18-2 |  |  |  |  |  |  |                      |                        | Ge<br>72.64<br>-18-18-4             | As<br>74.92160<br>-18-18-5 | Se<br>78.96<br>-18-18-6     | Br<br>79.904<br>-18-18-7   | Kr<br>83.80<br>-18-18-8   |                            |            |  |
| Cs<br>132.90545<br>-18-8-1 | Ba<br>137.327<br>-18-8-2         | La<br>138.9055<br>-18-9-2        | Hf<br>178.49<br>-32-10-2         | Ta<br>180.9479<br>-32-11-2        | W<br>183.84<br>-32-12-2    | Re<br>186.207<br>-32-13-2  | Os<br>190.23<br>-32-14-2   | Ir<br>192.217<br>-32-15-2   | Pt<br>195.078<br>-32-16-2 | Au<br>196.96655<br>-32-18-1 | Hg<br>200.59<br>-32-18-2  |  |  |  |  |  |  |                      |                        | Sn<br>118.710<br>-18-18-4           | Sb<br>121.760<br>-18-18-5  | Te<br>127.60<br>-18-18-6    | I<br>126.90447<br>-18-18-7 | Xe<br>131.293<br>-18-18-8 |                            |            |  |
| Fr<br>223.0197<br>-18-8-1  | Ra<br>226.0254<br>-18-8-2        | Ac<br>227.0277<br>-18-9-2        | Rf<br>261.1088<br>-32-10-2       | Db<br>262.1141<br>-32-11-2        | Sg<br>266.1219<br>-32-12-2 | Bh<br>264.12<br>-32-13-2   | Hs<br>261.1088<br>-32-14-2 | Mt<br>268.1088<br>-32-15-2  | Uun<br>272.1535           | Uuu<br>272.1535             | Uub<br>272.1535           |  |  |  |  |  |  |                      |                        | Te<br>127.60<br>-18-18-6            | Pb<br>207.2<br>-32-18-4    | Bi<br>208.98038<br>-32-18-5 | Po<br>209<br>-32-18-6      | At<br>210<br>-32-18-7     | Rn<br>222.0176<br>-32-18-8 |            |  |
|                            |                                  |                                  |                                  |                                   |                            |                            |                            |                             |                           |                             |                           |  |  |  |  |  |  |                      |                        | Uut<br>114                          | Uuq<br>114                 | Uup<br>114                  | Uuh<br>114                 | Uuq<br>114                | Uus<br>114                 | Uuo<br>114 |  |

| Lanthanides               |                            | Actinides                  |                           |
|---------------------------|----------------------------|----------------------------|---------------------------|
| La<br>138.9055<br>-18-9-2 | Ce<br>140.116<br>-20-8-2   | Pr<br>140.90765<br>-21-8-2 | Nd<br>144.24<br>-22-8-2   |
| Ac<br>227.0277<br>-18-9-2 | Th<br>232.0381<br>-18-10-2 | Pa<br>231.03688<br>-20-9-2 | U<br>238.02891<br>-21-9-2 |

| Noble Gases         |                      | solids                |                         | liquids                   |                            | gases |  |
|---------------------|----------------------|-----------------------|-------------------------|---------------------------|----------------------------|-------|--|
| He<br>4.002602<br>2 | Ne<br>20.1797<br>2-8 | Ar<br>39.948<br>2-8-8 | Kr<br>83.80<br>-18-18-8 | Xe<br>131.293<br>-18-18-8 | Rn<br>222.0176<br>-32-18-8 |       |  |



*Envirnotech Quality Research*



## **SECONDARY STANDARD SOLUTIONS & REAGENTS**

We offer a compressive portfolio of laboratory reagents and indicators with excellent Quality best suited for your analytical testing that help you to make critical decision with confidence and achieve high performance in instrument analysis.

We are offering exceptional variety of laboratory supply with their premium Quality and Quick delivery



## SECONDARY STANDARDS SOLUTIONS

### Standard Silver Nitrate Solution

Standard Silver Nitrate Solution prepared using analytical grade purity > 99.5 % quality silver nitrate & Grade I Deionized water for reliable and reproducible result in titrimetric test.

#### STANDARD SILVER NITRATE SOLUTION

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size          | Price (INR) |
|---------------|--|----------|----------|--------------------|-------------|
| 100111        | Silver Nitrate 0.0141 N for determination of Chloride in Water & Waste water | 3822     | 12%      | 500 ml<br>PB Amber | 900         |
| 100112        | Silver Nitrate Solution 0.02N  | 3822     | 12%      | 500 ml<br>PB Amber | 1100        |
| 100113        | Silver Nitrate Solution .0.1 N   | 3822     | 12%      | 500 ml<br>PB Amber | 8500        |

### Standard Sulphuric Acid Solution

Highly pure grade solvents and solutes are used. Every batch of products is cross-verified with the NIST standard for desired normality. It gives sure solution for precise and accurate result in titrimetric test.

#### STANDARD SULPHURIC ACID SOLUTION

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size            | Price (INR) |
|---------------|---|----------|----------|----------------------|-------------|
| PR100022      | Sulphuric acid 0.02 for laboratory use in determination of Alkalinity | 3822     | 12%      | 5 LTR, PP            | 1500        |
| PR100023      | Sulphuric acid 0.1 N Solution   | 3822     | 12%      | 5 LTR,PP             | 1650        |
| PR100022A     | Sulphuric acid 0.02 for laboratory use in determination of Alkalinity | 3822     | 12%      | 500 ml, Glass/<br>PP | 198         |



## SECONDARY STANDARDS SOLUTIONS

### Standard EDTA Solution

Highly pure grade solvents and solutes are used. Every batch of products is cross-verified with the NIST standard for ensuring desired normality. It gives sure solution for precise and accurate result in titrimetric test.

#### STANDARD EDTA SOLUTION

| Catalogue No. | Description          | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|----------------------|----------|----------|-----------|-------------|
| PR100021      | EDTA 0.02 N Solution | 3822     | 12%      | 5 Ltr.    | 1650        |
| PR100021A     | EDTA 0.02 N Solution | 3822     | 12%      | 500 ml    | 198         |

### Standard Hydrochloric Acid Solution

Highly pure grade solvents and solutes are used. Every batch of products is cross-verified with the NIST standard for ensuring desired normality. It gives sure solution for precise and accurate result in titrimetric test.

#### STANDARD HYDROCHLORIC ACID SOLUTION

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| PR100030      | Hydrochloric acid 0.02 N Solution                    | 3822     | 12%      | 5 Ltr.    | 1650        |
| PR 100031     | Hydrochloric Acid 0.1 N for Nitrate test in Uv Range | 3822     | 12%      | 5 Ltr     | 1650        |
| PR 100032     | Hydrochloric acid 3.0 N Solution                     | 3822     | 12%      | 5 Ltr     | 1980        |



## INDICATORS & STAINS

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| 060601        | Bromophenol Blue indicator pH 2.8 -4.6                  | 3822     | 12%      | 100 ml    | 165         |
| 060602        | Bromocresol green 0.04 % indicator pH 2.8 - 4.6         | 3822     | 12%      | 100ml     | 126         |
| 060603        | Bromocresol purple 0.04% indicator pH 5.2 - 6.8         | 3822     | 12%      | 100ml     | 132         |
| 060604        | Bromothymol blue 0.04% indicator pH 6.0 - 7.6           | 3822     | 12%      | 100ml     | 132         |
| 060623        | m-Cresol Purple 0.04% indicator pH 7.6 - 9.2            | 3822     | 12%      | 100ml     | 165         |
| 060605        | Cresol Red 0.04 % indicator pH 7.2-8.8                  | 3822     | 12%      | 100ml     | 132         |
| 060606        | Crystal Violet indicator                                | 3822     | 12%      | 100ml     | 132         |
| 060624        | Dimethyl Yellow 0.02% pH 2.8 -4.6                       | 3822     | 12%      | 100ml     | 330         |
| 060607        | Ferroun Indicator                                       | 3822     | 12%      | 100ml     | 1045        |
| 060608        | Methyl Orange 0.04% indicator                           | 3822     | 12%      | 100ml     | 137         |
| 060625        | Screened Methyl orange indicator                        | 3822     | 12%      | 100ml     | 275         |
| 060609        | Methylene Blue Stain Solution                           | 3822     | 12%      | 100ml     | 135         |
| 060610        | Methyl Red 0.01 % indicator pH 4.2 -6.3                 | 3822     | 12%      | 100ml     | 132         |
| 060626        | Screened Methyl Red indicator                           | 3822     | 12%      | 100ml     | 275         |
| 060627        | Methyl red -Methylene blue mixed solution               | 3822     | 12%      | 100ml     | 275         |
| 060611        | Mixed indicator For Alkalinity                          | 3822     | 12%      | 100ml     | 440         |
| 060629        | 3-Nitrophenol 0.01% solution pH 6.8 - 8.4               | 3822     | 12%      | 100ml     | 715         |
| 060630        | 4-Nitrophenol 0.01% solution pH 5.0 - 7.0               | 3822     | 12%      | 100 ml    | 792         |
| 060600        | Neural Red indicator                                    | 3822     | 12%      | 100ml     | 198         |
| 060628        | 1-Naphtholphthalein 0.05% solution pH 7.3 - 8.7         | 3822     | 12%      | 100ml     | 462         |
| 060612        | Phenolphthalein 0.5% Solution pH 8.3- 10                | 3822     | 12%      | 100ml     | 132         |
| 060613        | Potassium Chromate 5% indicator                         | 3822     | 12%      | 100ml     | 132         |
| 060614        | Phenol Red 0.02% Solution pH 6.8 -8.4                   | 3822     | 12%      | 100ml     | 132         |
| 060615        | Patton and Reeder's indicator (Eriochrome blue black R) | 3822     | 12%      | 100ml     | 330         |
| 060616        | Solochrome (Eriochrome) Blank T ind.                    | 3822     | 12%      | 100ml     | 132         |
| 060617        | Thymol Blue 0.04% Solution pH 8.0 -9.6                  | 3822     | 12%      | 100ml     | 121         |
| 060618        | Thymolphthalein 0.2 % solution pH 8.3 - 10.5            | 3822     | 12%      | 100ml     | 165         |





### INDICATORS & STAINS

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size                | Price (INR) |
|---------------|---|----------|----------|--------------------------|-------------|
| 060619        | Thymol violet   | 3822     | 12%      | 100ml                    | 264         |
| 060620        | Universal Indicator for pH 4 - 11   | 3822     | 12%      | 100ml                    | 143         |
| 060621        | Universal Indicator for pH 4 - 11   | 3822     | 12%      | 500ml                    | 330         |
| 060622        | pH paper strips - a set of 100 strips<br>Range 1 - 3- 4 - 5- 6- 7- 8- 9- 10- 12- 14 | 3822     | 12%      | 5 set strip<br>(per PKT) | 220         |
| 060631        | Calcein indicator(Metal indicator)  | 3822     | 12%      | 100 gm                   | 1320        |
| 060632        | Calcon Indicator  | 3822     | 12%      | 100ml                    | 330         |
| 060633        | Catechol Violet indicator   | 3822     | 12%      | 100ml                    | 308         |
| 060634        | Dithizone indicator   | 3822     | 12%      | 100ml                    | 935         |
| 060635        | GbHA indicator  | 3822     | 12%      | 100ml                    | 495         |
| 060636        | HSN indicator mixture(Patton& Reeder)   | 3822     | 12%      | 100ml                    | 330         |
| 060637        | Methylthymol blue indicator   | 3822     | 12%      | 100ml                    | 275         |
| 060638        | Mordant Black II  | 3822     | 12%      | 100ml                    | 275         |
| 060639        | Pyridylazonaphthol indicator  | 3822     | 12%      | 100ml                    | 330         |
| 060640        | Sodium Alizarin Sulphonate indicator  | 3822     | 12%      | 100ml                    | 220         |
| 060641        | Thoron Indicator  | 3822     | 12%      | 100ml                    | 330         |
| 060642        | Xylenol orange indicator  | 3822     | 12%      | 100ml                    | 330         |
| 060643        | Alkali Blue 6B Indicator  | 3822     | 12%      | 100ml                    | 550         |
| 060644        | 1-Naphtholbenzein indicator   | 3822     | 12%      | 100ml                    | 660         |
| 060645        | Quianldine Red indicator  | 3822     | 12%      | 100ml                    | 693         |
| 060646        | Barium Diphenylamine 4 Sulphonate Indicator   | 3822     | 12%      | 100ml                    | 550         |
| 060647        | 1:10 phenanthroline indicator   | 3822     | 12%      | 100ml                    | 605         |
| 060648        | Ammonium ferrous sulphate indicator   | 3822     | 12%      | 100ml                    | 352         |
| 060649        | 4-Dimethylaminobenzylidene rhodanine indicator                                      | 3822     | 12%      | 100ml                    | 495         |
| 060650        | Amaranth indicator  | 3822     | 12%      | 100ml                    | 605         |
| 060651        | Dichlorofluorescein indicator   | 3822     | 12%      | 100ml                    | 660         |
| 0606 52       | Phenosafranine indicator  | 3822     | 12%      | 100ml                    | 660         |



## Envirotech Quality Research

### LABORATORY REAGENTS

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size    | Price (INR) |
|---------------|--|----------|----------|--------------|-------------|
| SULC130911    | Conditioning reagent for determination of sulphate   | 3822     | 12%      | 500 ml , PB  | 2970        |
| SULC130912    | Conditioning reagent for determination of sulphate   | 3822     | 12%      | 250ml PB     | 1760        |
| EFSF000003    | Electrode filling solution for fluoride electrode ISE Meter  | 3822     | 12%      | 100ml , PB   | 2420        |
| EFSN000001    | Electrode filling solution for Nitrate electrode for ISE Meter   | 3822     | 12%      | 100ml, PB    | 2420        |
| EFSP000002    | Electrode filling Solution For pH Combination electrode  | 3822     | 12%      | 100ml, PB    | 1100        |
| HI130911      | Inhibitor I for removal of metal Interference in Hardness test   | 3822     | 12%      | 500ml, PB    | 2200        |
| 121212        | ISA (Ionic Strength adjuster) For Nitrate using pH/ISE Meter   | 3822     | 12%      | 475ml,PB     | 9900        |
| 000333        | pH electrode storage solution  | 3822     | 12%      | 500ml        | 1540        |
| 000303        | Lab Cleaning solution Alkaline   | 3822     | 12%      | 5 ltr        | 2090        |
| 130911        | Phenol - di - sulphonic acid for determination of Nitrate 25% w/v Clear, Transparent Analytical Grade  | 3822     | 12%      | 500ml ,GB    | 5390        |
| 130922        | Potassium Hydroxide 12 N for determination of Nitrate  | 3822     | 12%      | 500ml, PB    | 1650        |
| 30003         | Optical device cleaning solution for cleaning of cuvette, Tubes  | 3822     | 12%      | 100ml        | 550         |
| 200811987     | Silver Sulphate Solution For removal of interference in Nitrate test Contents - 0.443% as Ag So4   | 3822     | 12%      | 500ml, PB    | 3190        |
| 210160        | Special Reagent for Manganese Determination for Manganese test as per APHA method  | 3822     | 12%      | 475ml, PB/GB | 6050        |
| 20021974      | SPANDS Solution for Fluoride   | 3822     | 12%      | 125 ml GB    | 715         |
| 301213        | Sodium Hydroxide 1N  | 3822     | 12%      | 500ml, PB    | 242         |
| 300563 A      | TISAB III solution for fluoride estimation by Ion meter suitable for fluoride concentration within range 0.1-100 PPM   | 3822     | 12%      | 500ml, PB    | 14400       |
| 300563        | TISAB II Solution for Fluoride estimation by Ion meter suitable for fluoride Concentration in low range (0.01-1.0 PPM)   | 3822     | 12%      | 475ml, PB    | 12100       |
| 070265        | TISAB IV Solution for Fluoride estimation by Ion meter Suitable for fluoride Concentration in those samples where Iron and Fluoride is found in High Concentration | 3822     | 12%      | 475ml, PB    | 22000       |
| 20081986      | Zirconyl - Alizarin Red Mixed solution for Fluoride estimation   | 3822     | 12%      | 125ml, PB    | 880         |
| 100012        | Zirconyl - Alizarin Red Mixed solution for Fluoride estimation   | 3822     | 12%      | 500ml, PB    | 2750        |



## Envirnotech Quality Research

### LABORATORY REAGENTS

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| 140218        | Sodium Acetate 25% W/v for determination of Iron in water                   | 3822     | 12%      | 500 ml    | 1320        |
| 010494        | Hydroxylamine hydrochloride 10% solution for determination of Iron in water | 3822     | 12%      | 500 ml    | 1738        |
| 010495        | 1:10 phenanthroline solution for Iron determination                         | 3822     | 12%      | 500 ml    | 1100        |
| RW0030        | Reagent Gr I Water Conductivity < 1 pmho/ltr                                | 3822     | 12%      | 5 ltr. PP | 780         |
| S0001         | Potassium Dichromate 1 N Solution   | 3822     | 12%      | 500 ml    | 858         |
| S0002         | Ferrous Ammonium Sulphate 0.5 N   | 3822     | 12%      | 500 ml    | 550         |
| S0003         | Sodium Hydroxide 0.2 N Solution   | 3822     | 12%      | 500 ml    | 220         |
| S0004         | Potassium Hydrogen phthalate 0.2 N  | 3822     | 12%      | 500 ml    | 715         |
| S0005         | Potassium permanganate $Kmno_4$ (0.32 %)                                    | 3822     | 12%      | 500 ml    | 385         |
| S0006         | Sodium Hydroxide (92.5 %) solution  | 3822     | 12%      | 500 ml    | 1045        |
| S0007         | Boric acid (2 %) solution   | 3822     | 12%      | 1000 ml   | 907         |
| S0008         | Sodium Bicarbonate (Potassium Free ) 0.5 m                                  | 3822     | 12%      | 500 ml    | 550         |
| S0009         | Ammonium paramolybdate Reagent (C) for determination of photometer          | 3822     | 12%      | 500 ml    | 1100        |
| S0010         | Ascorbic acid Solution + P nitrophenol Indicator (reagent 0)                | 3822     | 12%      | 500 ml    | 1320        |
| S0011         | Ammonium acetate 1 N Solution   | 3822     | 12%      | 500 ml    | 660         |
| S0012         | Neutral Ammonium acetate Solution 1 M for Flame photometer                  | 3822     | 12%      | 500 ml    | 825         |
| S0013         | Potassium Ferrocyanide 4 % Solution   | 3822     | 12%      | 500 ml    | 660         |
| S0014         | Hydroxylamine Hydrochloride 5% Solution                                     | 3822     | 12%      | 500 ml    | 660         |
| S0015         | Calcon 20 mg in 50% Methanol  | 3822     | 12%      | 500 ml    | 1375        |
| S0016         | Potassium Chloride- 10%   | 3822     | 12%      | 500 ml    | 880         |
| S0017         | Sodium Hydroxide 40%  | 3822     | 12%      | 500 ml    | 770         |
| S0018         | Sodium Acetate 1 N Solution   | 3822     | 12%      | 500 ml    | 858         |
| S0019         | Sodium Hydroxide 10 % solution  | 3822     | 12%      | 500 ml    | 275         |
| S0020         | Dispersing Reagent  | 3822     | 12%      | 500 ml    | 979         |
| S0021         | Versenate Solution 0.01 N   | 3822     | 12%      | 500 ml    | 1100        |
| S0022         | Calcium Chloride Solution 0.01 N  | 3822     | 12%      | 500 ml    | 330         |



## Envirnotech Quality Research

### CERTIFIED REFERENCE MATERIAL

NIST FROM SRM/BND TRACEABLE STANDARD WITH TRACEABILITY  
CERTIFICATE PRODUCED BY ISO/IEC 17034:2016 CRM PRODUCER

| Catalogue No. | NAME OF STANDARD  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| RM0001        | Arsenic Standard Solution (1000 mg/l)                                   | 38220000 | 12%      | 100 ml    | 4840        |
| RM0002        | Calcium Carbonate Standard  | 38220000 | 12%      | 20 g      | 9900        |
| RM0003        | Cadmium Standard Solution (1000 mg/l)                                   | 38220000 | 12%      | 100 ml    | 4620        |
| RM0004        | Colour Standard Potassium chloroplatinate solution 500 Hazen            | 38220000 | 12%      | 250 ml    | 38500       |
| RM0005        | Conductivity Standard Solution potassium chloride (nominal 1410 mho/cm) | 38220000 | 12%      | 500 ml    | 7700        |
| RM0006        | Copper Standard Solution (1000 mg/l)                                    | 38220000 | 12%      | 100 ml    | 4400        |
| RM0007        | Fluoride Standard solution 100mg/ltr.                                   | 38220000 | 12%      | 500 ml    | 8800        |
| RM0008        | Iron Standard solution 1000 mg/ltr. As Fe                               | 38220000 | 12%      | 100 ml    | 52800       |
| RM0009        | Lead Standard Solution (1000 mg/l)                                      | 38220000 | 12%      | 100 ml    | 4840        |
| RM0010        | Mercury Standard Solution (1000 mg/l)                                   | 38220000 | 12%      | 100 ml    | 6160        |
| RM0011        | Magnesium Standard Solution as CoCo <sub>3</sub> 1000 mg/ltr. As Ca     | 38220000 | 12%      | 100 ml    | 11137       |
| RM0012        | Nitrate Standard solution 100 mg/ltr. As NO <sub>3</sub>                | 38220000 | 12%      | 500 ml    | 13200       |
| RM0013        | Nickel Standard Solution (1000 mg/l)                                    | 38220000 | 12%      | 100 ml    | 4400        |
| RM0014        | pH Buffer solution standard pH 4.0 ± 0.02 AT 25 °C                      | 38220000 | 12%      | 500 ml    | 6380        |
| RM0015        | pH Buffer solution standard pH 7.0 ± 0.02 AT 25 °C                      | 38220000 | 12%      | 500 ml    | 6380        |
| RM0016        | pH Buffer solution standard pH 9.00 ± 0.02 AT 25 °C                     | 38220000 | 12%      | 500 ml    | 6380        |
| RM0017        | Potassium Dichromate  | 38220000 | 12%      | 45 g      | 7040        |
| RM0018        | Sodium Carbonate Standard   | 38220000 | 12%      | 45 g      | 9900        |
| RM0019        | Sulphate Standard Solution 100 mg/ltr. As SO <sub>4</sub>               | 38220000 | 12%      | 500 ml    | 13200       |
| RM0020        | Sodium Chloride   | 38220000 | 12%      | 45 g      | 8360        |
| RM0021        | Turbidity 500 NTU Calibration Standard formazine                        | 38220000 | 12%      | 500 ml    | 8800        |
| RM0022        | Turbidity 1000 NTU Calibration Standard formazine                       | 38220000 | 12%      | 500 ml    | 8800        |
| RM0023        | TDS Standard Solution (1000 mg/l)                                       | 38220000 | 12%      | 250 ml    | 3520        |
| RM0024        | Zinc Standard Solution (1000 mg/l)                                      | 38220000 | 12%      | 100 ml    | 4620        |



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### CHEMICALS REQUIRE FOR WATER TESTING IN LABORATORY

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| CLR0001       | Test Chlor/Chlorotes For determination of Residual Chlorine   | 38220000 | 18%      | 100 ml    | 440         |
| CLR0002       | Ortho-Toluidine For determination of Residual Chlorine        | 29214330 | 18%      | 500 ml    | 385         |
| CLR0003       | M <sub>7</sub> hr Fc Agar for Bacteriological test (Hi-Media) | 38210000 | 18%      | 500 gm    | 6050        |
| CLR0004       | Ammonium Solution 25% For Nitrate Determination               | 28142000 | 18%      | 500 ml    | 308         |
| CLR0005       | Ammonium Buffer Solution for Total Hardness Determination     | 38220090 | 18%      | 500 ml    | 198         |
| CLR0006       | Sulfuric Acid assay min 98%                                   | 28070010 | 18%      | 500 ml    | 550         |
| CLR0007       | Hydrochloric Acid assay min 37%                               | 2806100  | 18%      | 500 ml    | 440         |
| CLR0008       | Nitric Acid assay min 69%                                     | 28080010 | 18%      | 500 ml    | 495         |
| CLR0009       | Ortho-Phosphoric Acid Assay min 85%                           | 28092010 | 18%      | 500 ml    | 803         |
| CLR0010       | Glacial Acetic Acid assay min 100%                            | 29152100 | 18%      | 500 ml    | 803         |
| CLR0011       | Barium Chloride for determination of Sulphate                 | 28273990 | 18%      | 500 ml    | 495         |
| CLR0012       | Ammonium purpurate (murexide) indicator assay 98%             | 29335990 | 18%      | 5 gm      | 825         |
| CLR0013       | Ammonium persulphate assay min 98% for manganese              | 28334000 | 18%      | 500 gm    | 605         |
| CLR0014       | ISO Propyl Alcohol assay min 99% LR Grade                     | 29051220 | 18%      | 5 ltr.    | 5830        |
| CLR0015       | Chromic Acid  | 28191000 | 18%      | 500 ml    | 2750        |
| CLR0016       | Sodium hydroxide  | 28151110 | 18%      | 500 gm    | 400         |
| CLR0017       | Potassium Iodide  | 28276010 | 18%      | 500 gm    | 440         |
| CLR0018       | Sodium Thiosulphate assay min 99%                             | 28323010 | 18%      | 500 gm    | 440         |
| CLR0019       | Starch soluble  | 35051090 | 18%      | 500 gm    | 1870        |
| CLR0020       | Ammonium Acetate  | 29152990 | 18%      | 500 gm    | 550         |
| CLR0021       | Potassium Chloride  | 31042000 | 18%      | 500 gm    | 330         |
| CLR0022       | Potassium Dihydrogen Phosphate                                | 28352400 | 18%      | 500 gm    | 990         |
| CLR0023       | Potassium Dichromate  | 28415090 | 18%      | 500 gm    | 1430        |



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## LABORATORY ACCESSORIES



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### LABORATORY ACCESSORIES

#### PIPETTE PUMP RUBBER

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| V01           | Pump opening is designed to fit in all pipette. To be used in pipette from 1 ml to 50 ml for pipetting solution and reagent safe & accurate. | 8477     | 18%      | 1 PC      | 1100        |

#### PIPETTE PUMP PLASTIC

| Catalogue No. | Description  | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|--|----------|----------|-----------|-------------|
| V02           | Fast, Accurate Pipetting device for gradual & quick disposal of liquid. Resist From Light acid, alkali & other Solvent | 8477     | 18%      | 1 Pc      | 935         |

#### LAB COAT

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| A00001        | Specially designed For laboratory use with four pocket made of wrinkle free cloth in white colour size S, M, L, XXL in full length / coat size as desired separate design for male/Female | 63       | 05%      | 1 Pc      | 1500        |

#### PETRI PLATES ALUMINUM (55MM)

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size | Price (INR) |
|---------------|---|----------|----------|-----------|-------------|
| PP0001        | Aluminum Petri plates, Autoclavable, reusable & unbreakable 55 mm dia, best for the bacteriological test using membrane Size 45 - 50 mm dia | 7606     | 18%      | 10 Pc     | 1500        |

#### MEMBRANE (47MM)

| Catalogue No. | Description   | HSN Code | GST Rate | Pack Size      | Price (INR) |
|---------------|---|----------|----------|----------------|-------------|
| 031269        | Individually Sterilized Membrane dia 47 mm pore size 0.45µm, gridded with certificate of delivery with Pack of 100 membrane | 3920     | 18%      | 1 Pack (100Pc) | 9000        |



## FIELD WATER TESTING KITS

We designed a multiple parameter "Mini Water testing field Kit" for Community water quality monitoring work in respect to the norms of National rural drinking water programmer.

- ❖ Hardness
- ❖ Chloride
- ❖ pH Value
- ❖ Turbidity
- ❖ Iron
- ❖ Residual Chloride
- ❖ Nitrate
- ❖ Fluoride
- ❖ Ammonia

All The parameters mentioned above can be tested qualitatively & semi qualitatively in respect to the portability of the water for hundred tests. We also provide refills of afore said Kits for individual or all test at very low rates. The Kit is evaluated by the Maulana Azad National Institute of Technology (MANIT) Bhopal and CSIR Laboratory Bhopal & allotted B1 rrating. The Kit is a user friendly and best fitted for the use within community water quality testing work.

| S. No. | Description  | Unit Cost (INR)* |
|--------|--|------------------|
| 1      | Mini Water Testing Kit for testing of Hardness, Chloride , pH, Turbidity , Iron , Residual Chloride , Nitrate & Fluoride Ammonia Fan 100 samples with operation manual in hindi & carry beg. | 2750             |
| 2      | Refill For Fluoride Kit  | 660              |
| 3      | Refill for pH Kit  | 110              |
| 4      | Refill for Chloride Kit  | 660              |
| 5      | Refill for Nitrate Kit   | 550              |
| 6      | Refill for Hardness Kit  | 330              |
| 7      | Refill for Iron Kit  | 550              |
| 8      | Refill for Residual Chlorine test Kit  | 110              |
| 9      | Bacteriological tests vial Set of 10   | 275              |
| 10     | Refill of Ammonia as Nitrate kit   | 220              |

\*GST @12% Extra





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## **ENVIRNOTECH QUALIY RESEARCH**

**3/51 DANISH HILLS VIEW KOLAR ROAD BHOPAL**

**Email- [info@envirnotech.com](mailto:info@envirnotech.com), website- [www.envirnotech.com](http://www.envirnotech.com)**

**TEST YOUR WATER  
BEFORE TEST**

Quality Control laboratory, Envirnotech Quality Research private limited Bhopal is an analytical testing laboratory relating to water through well equipped advanced water testing equipment's and expert scientist. Our Quality Control laboratory is ISO/IEC 17025:2017 accredited laboratory. We provide the expertise in the field of drinking water quality monitoring. We have a group of experienced former scientist from the government institute and well qualified staff.

We test the water for various Physico-Chemical parameter that are important in estimation of drinking water quality in central India We also test Bacteriological quality of water as per the requirement of drinking water specification of BIS i.e IS- 10500.

We also provide services for R&D related activity to improving water quality, assessment of water quality problems, water quality mapping, etc. We also provide expert advice in Research work, water purification system, project work, water quality control, data analysis.

We perform the services for assessment of water quality surveillance through well experienced scientists and chemists by site inception and Bacteriological water quality analysis. The areas of work are as follows:

- ✓ Detailed Physico-chemical Water quality monitoring.
- ✓ Bacteriological test.
- ✓ Survey of Fluoride in drinking Water.
- ✓ Assessment of sanitary risk in drinking water sources.
- ✓ Sure Solution on Water Quality problem.
- ✓ Determination of Efficiency of various water treatment units.
- ✓ Assessment the Water Quality for installation of water purification System etc.



## Envirotech Quality Research

### QC LABORATORY ENVIRNOTECH QUALITY RESEARCH

ISO/IEC 17025:2017 ACCREDITED LABORATORY

### ANALYSIS CHARGES

| S. No. | Items  | Rates* (IN INR) | PER                      |
|--------|--|-----------------|--------------------------|
| 1      | Physio Chemical test, Chloride as Cl<br>Calcium as Ca ++, Conductivity, Fluoride as F<br>Iron as Fe, Magnesium as Mg++<br>Manganese as Mn, pH Value at 25°C<br>Residual Chlorine, Sulphate as So <sub>4</sub><br>Total dissolved solids, Total Alkalinity as CaCO <sub>3</sub><br>Total Hardness as CaCO <sub>3</sub><br>Turbidity in NTU, Colour* in Hazen, Odour*, Taste | 2000            | Sample                   |
| 2      | Total suspended solids*  | 200             | Sample                   |
| 3      | Nitrate* as No <sub>3</sub> , Chromium as Cr, Zinc* as Zn  | 500             | Per parameter per Sample |
| 4      | DO* COD*, BOD*   | 500             | Per parameter per Sample |
| 5      | Sodium Hypo chloride* / Chlorine Tablet* / Bleaching powder*   | 200             | Sample                   |
| 6      | Purity of alum* as Al <sub>2</sub> O <sub>3</sub> , Lime* as CaO/Ca (OH) <sub>2</sub>  | 200             | Per parameter per Sample |
| 7      | Ammonical Nitrogen*, Nitrite*  | 200             | Per parameter per Sample |
| 8      | Parameter tested by AAS Iron, Zinc, Cadmium, Lead  | 1000            | Per parameter per Sample |
| 9      | Bacteriological test : Total Coliform (TTC)<br>& Thermotolerant coliform   | 600             | Sample                   |
| 10     | Single parameter as mentioned above in 1   | 400             | Sample                   |
| 11     | Sample charges within Bhopal (Include sanitary syrcey, test of pH Temperature, with sample container   | 400             | Sample                   |
| 12     | Sampling charges outside Bhopal  | On application  |                          |
| 13     | Analysis of data @ preparation of district water Quality Map   | On application  |                          |
| 14     | Assessment of Risk in sanitary survey and bacteriological test   | On Application  |                          |
| 15     | Assessment of water quality in distribution system and project report  | On Application  |                          |
| 16     | Identification of water quality problem and project report   | On Application  |                          |
| 17     | Hiring the scientist staff with mobile laboratory for water quality monitoring work  | On Application  |                          |

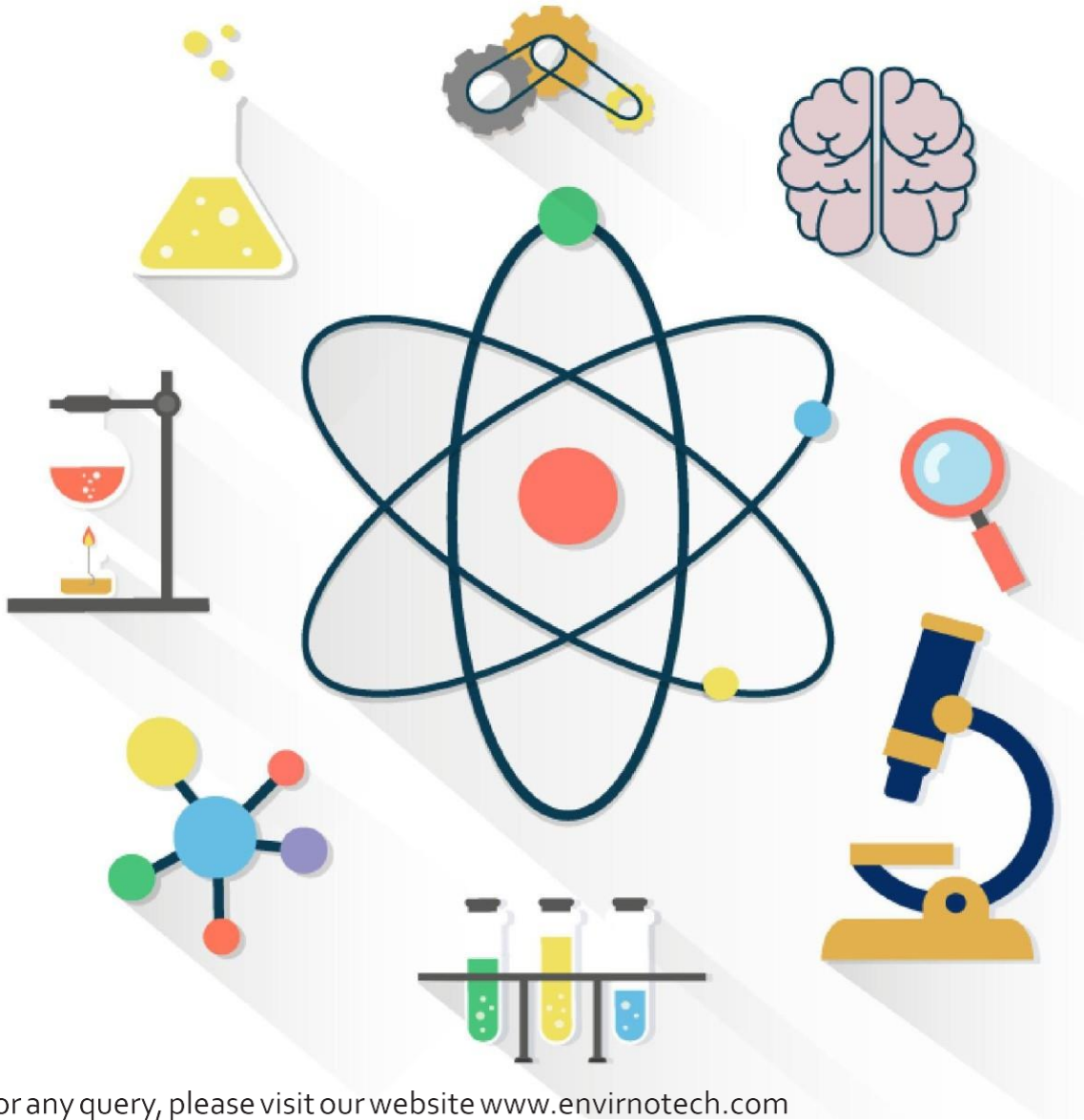
\*Not in NABL Scope.

\*Service tax and other tax in applicable will be extra\*\*Term "On Application" instrument will be computed using following formula + (Salary of staff engaged for the work x days) + half allowance + Mobility charges if any + Instrumentation charges+ any other charges+ 10% profit+ Taxes.

Note : Test report will be ready at lab with in 48 hour after receive the sample in laboratory



## *Envirotech Quality Research*



- For any query, please visit our website [www.envirotech.com](http://www.envirotech.com)
- Please visit our website to know the name & address of our stockiest/dealer in your area.
- We also provides test procedure for standardization and calibration technique in Hindi in our website
- Kindly see the description of our product in our website using article number / batch number.
- Kindly note that in case the product was purchased through unauthorized supplier who is not appointed by our stockiest or by us directly, there will be no liability of such material and no complaints will be entertained.



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