



ATLAS LAB
Setting the standard

WATER TESTING BROCHURE

www.atlaslab.in



Water Analysis

It's bad enough to be able to see, smell, or taste a contaminant. But what if your water looks, smells, and tastes just fine, Is it not necessary?

Water may consist of organic, inorganic, microbial contaminants, bacterial contaminants, pathogens, pesticide residues that cannot be seen by the human eye or through the human senses. This makes a person feel sick, causes reproductive problems and can impair kidney, liver, eye and other body functions. Exposure from water near industries can also health issues. Various skin diseases are also caused due to contaminated water. Hence contaminated water will make people sick which will cause ill health and can not only be dangerous but would be deadly for a person whose immune system has already been weakened.

Atlas Lab provides multiple tests for water samples using state of the art and well-equipped water testing laboratory by using scientific and chemical expertise. Water can be tested as per IS, IP, BP, EP, USP, WHO and other national and international standards.

Atlas Lab caters to various Industries like :



Households, Residence and Societies



Business and Corporate Sector



Heavy Industries, Power Plants, Manufacturing Plants



Schools and Colleges



Construction



Sewage Treatment Plants (STP) & Effluent Treatment Plants (ETP)



Packaged Drinking Water and Mineral Water



Hospitals and Nursing Homes

Benefits of Water Testing

- Ensure pure water for your home, family and the entire society.
- Make certain that Commercial Offices, Industries, Agriculture, Construction Site etc are receiving water which meet the required standards
- To ensure there are no contaminants in the water which can cause health issues and environmental risks
- To Determine if the Water meets National and International standards
- Consuming clean water will greatly improve your health and well being

Tests conducted by Atlas Lab for Water :

Drinking Water

Parameter	Test Method
Ph	APHA 4500H / IS 3025 P11
Colour	APHA 2120 B / IS 3025 P 4
Odour	APHA 2150 / IS 3025 P 5
Turbidity	APHA 2130 / IS 3025 P 10
Taste	APHA 2160 / IS 3025 P 8
Chloride	APHA 4500CL / IS 3025 P32
Total Hardness	APHA 2340 / IS3025 P21
Sulphate	APHA 4500SO4 / IS 3025 P 24
Calcium	APHA 3500 CA / IS 3025 P40
Magnesium	APHA 3500 MG / IS 3025 P 46
Iron	APHA 3500 FE / IS 3025 P 53
Nitrite	APHA 4500NO2 / IS 3025 P34
Nitrate	APHA 4500 NO3 / IS 3025 P34
Ammonia	APHA 4500NH3 / IS 3025 P34
Silica	APHA 4500SIO2 / IS 3025 P 35
Total Alkalinity	APHA 2320 / IS 3025 P 23
Total Dissolved Solids	APHA 2540 C / IS 3025 P 14
Ph	IS 3025 (Part 11)
Turbidity	IS :3025 (Part 10)
Chlorides (as Cl)	IS :3025 (Part 32)
Total Alkalinity (as CaCO3)	IS :3025 (Part 16)
Total Hardness(as CaCO3)	IS :3025 (Part 23)
Calcium (as Ca)	IS :3025 (Part 21)
Magnesium (as Mg)	IS :3025 (Part 40)
Conductivity	IS : 3025 (Part 46)
Total Dissolved Solids	IS : 3025 (Part 14)
Organic Matter	IS 3025 (Part 18)
Inorganic Matter	IS 3025 (Part 18)

Effluent Water

Parameter	Test Method
Ph	APHA 4500H / IS 3025 P11
Colour	APHA 2120 B / IS 3025 P4
Odour	APHA 2150 / IS 3025 P5
Turbidity	APHA 2130 / IS 3025 P10
Taste	APHA 2160 / IS 3025 P8
Chloride	APHA 4500CL / IS 3025 P32
Total Hardness	APHA 2340 / IS 3025 P21
Sulphate	APHA 4500SO4 / IS 3025 P24
Calcium	APHA 3500 CA / IS 3025 P40
Magnesium	APHA 3500 MG / IS 3025 P46
Iron	APHA 3500 FE / IS 3025 P 53
Nitrite	APHA 4500NO2 / IS 3025 P34
Nitrate	APHA 4500 NO3 / IS 3025 P34
Ammonia	APHA 4500NH3 / IS 3025 P34
Silica	APHA 4500SIO2 / IS 3025 P 35
Total Alkalinity	APHA 2320 / IS 3025 P 23
Total Dissolved Solids	APHA 2540 C / IS 3025 P14
BOD	APHA 5210 / IS 3025 P44
COD	APHA 5220 / IS 3025 P58
Oil and Grease	APHA 5520 / IS 3025 P39

Microbiological Tests

E Coli	IS 13428 Annex D
Total Coliforms	IS 13428 Annex D
Sulphite Reducing Anaerobes	IS 13428 Annex C
Aerobic Microbial Count	IS 5402 : 2002
Yeast and Mold Count	IS 5403 : 2002
Pseudomonas Aeruginosa	IS 13428 Annex D

The Different Standards for Water as tested by Atlas Lab



Drinking / Potable / Municipal Water
- IS : 10500 - 2012



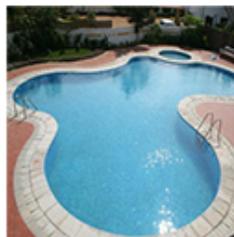
Packaged Drinking Water
- IS : 14543 - 2004



Packaged Natural Mineral Water
- IS : 13428 - 2005



Water for Construction
- IS : 456 - 2005



Water for Swimming Pools
- IS : 3328 - 2003



Water for Food Processing
- IS : 4251 - 2004



Feed Water / Boiler Water
- IS : 10496 - 1994



Drinking Water / Potable Water
- WHO / EU / EPA



Sewage Treatment Plant (STP) Water
- MARPOL / MEPC /
Central Pollution Control Board



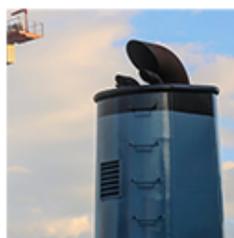
Bilge Water
- EPA



Ballast Water
- EPA



Grey Water
- EPA



Exhaust Gas Scrubber Wash Water (EGCS Water)
- EPA

About Atlas Lab

Atlas Lab is a industry leading Testing, Inspection and Certification Company duly accredited by NABL and Certified by ISO 17025. We believe in putting the customer first by constantly innovating and evolving to provide reliable and consistent solutions. We are a team of dynamic, passionate professionals with strong technical expertise in the realm of Lubricating Oils and Petroleum products serving industries of all sizes on a global scale.

We are approved and accredited by



ISO / IEC 17025 : 2017



Certificate No. IND.20.6148/QM/U



TC - 6087



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Laboratory



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