New: MICRO-CONTAMINATION DEPARTMENT PRESENTS A NEW AREA OF TESTING :

ULTRA PURE WATER & CHEMICAL TESTING

Your objective as a manufacturer of the ultra-pure water and chemical industry is to meet future device requirement and yield targets ahead of schedule. To help meet these objectives, you require the highest performance from your RO/DI water system and the chemical production system.

At Micro-contamination Testing Department, we know the importance of the quality of water and chemical to your operation. We have invested in cutting-edge analytical technology that is designed and operated specifically to meet your ultra-pure water and chemical analysis needs.

Testing Parameters

- Total Organic Carbon
- Alkalinity
- Hardness
- Carbonate/Bi-Carbonate
- Total Dissolved Silica as Si
- Soluble silica
- Total Bacteria Count
- pH
- Moisture
- Total Residue
- Liquid Particle Count- Down to 0.1µm
- Organic Acid And Ionics By Ion Chromatography
- Trace Metals (34 elements) By ICP-MS/GFAAS
- Particulates By SEMEDX
- Assay Analysis
- Identification Of Organic Impurities By GCMSD

Common Ultra-pure Chemical Used In Semi-Conductor Industry

Organic Solvent
- Isopropyl Alcohol
- Methanol
- Methylene Chloride

In-Organic Acid
- Hydrofluoric Acid
- Hydrochloric Acid
- Nitric Acid
- Acetic Acid
- Tetramethyl Ammonium Hydroxide

In-Organic Base
- Hydrogen Peroxide
- Ammonium Hydroxide

Organic Compounds
- Hexamethyldisilazane (HMDS)
- N-methyl-2-pyrrolidone

Kindly call us if you have further enquiry

Biological & Chemical Technology Division

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GAS CHROMATOGRAPHY MASS SELECTIVE DETECTOR

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