

GEO CHEM
INDIA

Part of the Cotecna Group

Independent
Inspection
Testing



Why **Gamble?**
when you have **Geo-Chem**
to protect you...

www.geochem.net.in



Our Group Companies



Part of the Cotecna Group

Company Profile

GEO-CHEM LABORATORIES PRIVATE LIMITED, founded in 1964, part of the Cotecna Group since December 2022, is an independent Inspection and Testing company.

Today it is one of the largest and reputable Inspection and Testing organization in India.

The core activity of GEO-CHEM is **Inspection, Sampling and Testing** of various products and commodities that are exported, imported or domestically traded.



Services Portfolio

Sampling, Inspection & Testing of:

Food, Feed, Water & Agricultural Products

Services includes Sampling, Inspection and Testing of products and commodities as per import/ export requirements of EU, USA, Russia, China, Japan, Korea, Indonesia, Africa, Middle East, Far East Countries, etc. and also as per Indian Regulatory requirements set by APEDA, EIC, FSSAI, BIS, IOPEPC, Tea Board, Spices Board, ...

- ✓ FRUITS, VEGETABLES & ITS PRODUCTS
- ✓ HERBS, SPICES, SALT & CONDIMENTS
- ✓ CEREALS, PULSES & ITS PRODUCTS
- ✓ MILK & DAIRY PRODUCTS
- ✓ FISH & FISHERY PRODUCTS
- ✓ MEAT & MEAT PRODUCTS
- ✓ FATS, OILS & EMULSIONS
- ✓ ANIMAL FOOD & FEED
- ✓ WATER
- ✓ BEVERAGES (ALCOHOLIC & NON-ALCOHOLIC LIKE TEA, COFFEE, ETC...)
- ✓ SWEETS & CONFECTIONARY
- ✓ SWEETENING AGENTS LIKE HONEY
- ✓ FOOD ADDITIVES
- ✓ PROPRIETARY FOOD



Materials, Minerals, Fuels and Lubricants

Services include Chemical Testing Mechanical Testing, Corrosion Testing, Metallurgical Testing, Non-Destructive Testing of Concrete etc.

- ✓ METALS & ALLOYS
- ✓ ORES & MINERALS
- ✓ LIQUID FUELS & LUBRICANTS
- ✓ COAL & COKE
- ✓ CONSTRUCTION MATERIAL



Drugs, Pharmaceutical, AYUSH & Cosmetic Products

Services include Analytical Activities (Physico-Chemical, Instrumental, Microbiological Tests), Protocol study, Method validation and Method Transfer, Shelf-Life studies, Pesticide Residual Analysis and Impurity Profiling, Environmental monitoring, Residual Solvent, Trace Elemental impurities Studies (as per ICH Q3D guideline), Dissolution Profiling

- ✓ RAW MATERIALS
- ✓ BULK DRUGS
- ✓ PERSONAL CARE PRODUCTS
- ✓ ACTIVE PHARMACEUTICAL INGREDIENTS (APIs) & EXCIPIENTS
- ✓ FINISHED PRODUCTS
- ✓ HERBAL PRODUCTS
- ✓ HOME CARE PRODUCTS
- ✓ AYUSH PRODUCTS
- ✓ COSMETICS
- ✓ MEDICAL DEVICES
- ✓ DYES AND DYE INTERMEDIATES
- ✓ PRIMARY PACKAGING MATERIALS





Food, Feed, Water & Agricultural Products

Our Services includes Sampling, Inspection and Testing of products and commodities as per import/ export requirements of EU, USA, Russia, China, Japan, Korea, Indonesia, Africa, Middle East, Far East Countries, etc. and also as per Indian Regulatory requirements set by APEDA, EIC, FSSAI, BIS, IOPEPC, Tea Board, Spices Board, ...

CHEMICAL ANALYSIS

Quality Parameters

- Physico-Chemical testing
- Proximate analysis
- Micro/Macro Nutrients
- Fatty acid profile
- Amino acid profile
- Nutritional Labelling
- Sensory evaluation
- Spoilage (Seafood)
- Shelf life (Accelerated & Real time study)

Contaminants

- Pesticide residues
- Antibiotic/ Veterinary drug residues
- Volatile organics, PAH, PCBs
- Mycotoxins (Aflatoxins, Ochratoxins, DON, T-2 toxin, Zearalenone)
- Heavy Metal residues (Pb, Hg, As, Cd...)
- Adulterants (edible oil, cereals, pulses, spices, ...)
- Pyrrolizidine alkaloids (PAs)
- Ethylene oxide (EtO)

Others

- Water testing as per potability, Packaged drinking water- IS 14543, Natural mineral water- IS 13428, WHO, EU 2184/2020, IS 4251, IS 10500,...



BIOLOGICAL ANALYSIS

Hygiene indicator organisms

- Aerobic Plate Count
- Yeast & Mould Count
- Coliform Count
- *Staphylococcus aureus*

Pathogens/ Safety indicator organisms

- *Escherichia coli*/
Escherichia coli O157
- Salmonella/ Shigella
- *Vibrio parahaemolyticus*/
Vibrio cholerae
- Sulphite reducing clostridia
- *Listeria monocytogenes*
- *Clostridium perfringens*
- *Pseudomonas aeruginosa*
- Legionella spp.

Molecular Biology

- Genetically Modified Organisms
- SARS-CoV-2
- Animal & Plant Species identification
- Fish DNA identification
- White Spot Syndrome Virus
- Yellow Head Virus
- Acute Hepato Pancreatic Necrosis Disease Virus/
Early Mortality Syndrome Virus
- Infectious Myo Necrosis Virus
- Taura Syndrome Virus
- Decapod Iridescent Virus 1
- *Hepatobacter Penaei* (NHP-B)

Others

- Hygiene monitoring (Swab test, Plate exposure)
- Allergens
- In-process validation studies for pathogenic bacteria elimination
- Shelf life studies



Inspection Services

involves various steps, including sampling, testing, loading supervision, weighment, sealing, inspection upon receipt, unloading, ...

- Loading & Discharge supervision
- Pre-shipment supervision
- Bunker surveys
- On hire & Off hire surveys
- Quality & Quantity inspection
- Draft survey
- Damage & Cleanliness survey
- Weighment supervision
- Raw material inspection, Sampling, Lot Sealing including Stuffing & tally supervision
- Spot & Laboratory analysis, witnessing & reporting
- Inspection of Ship tanks/ Shore tanks/ Bulk cargo/ Break bulk cargo/ Container/ Container cargo
- Supervision of lightering and other ship to ship transfers
- Measurement of volumes and weights ashore and on board tankers
- Pipeline measurement
- Floating production storage and offloading supervision
- Investigation of loss/shortage
- Project management and Industrial/ marine inspection services
- Upcountry inspection services
- Organoleptic inspection services



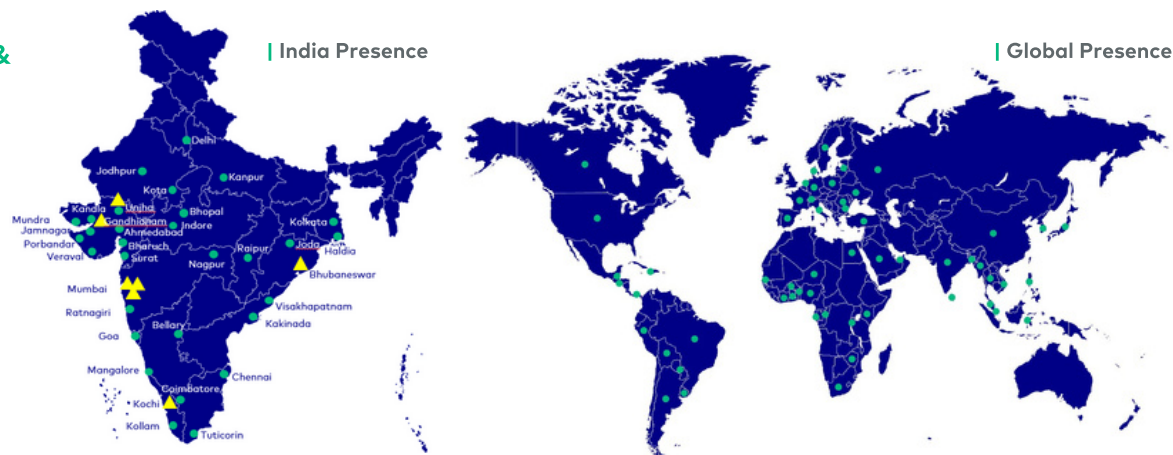
Accreditations & Approvals



Places of Operations & Addresses

We have wide presence across the country & globally through our group companies.

- ▲ Laboratory Locations
- Other Branches



GEO-CHEM LABORATORIES PRIVATE LIMITED

Geo-Chem House, 294, Shahid Bhagat Singh Road, Fort, Mumbai - 400 001

Tel: +91 22 6638 3838 E-mail: mumbai@geochem.net.in

www.geochem.net.in

OUR LABORATORIES

Food, Feed, Water & Agricultural Products

Pragati Building, Adjacent to Crompton Greaves, Kanjurmarg (East), Mumbai - 400 042

Tel: +91 22 6191 5100

E-mail: laboratory@geochem.net.in

Food & Agricultural Products

Aman Commercial Complex ,Opp Mercy school, Chandiroor, Alappuzha, Kerala - 688 537

Tel: +91 478 2830800

E-mail: lab.cochin@geochem.net.in

Food & Agricultural Products

Shop No. 15-26, 2nd Floor, Shashwat Plaza, Opp. GEB Head Office, Unjha-Patan Highway, Unjha - 384170.

Tel: +91 2767 253088

E-mail: unjha.lab@geochem.net.in

Materials, Minerals, Fuels and Lubricants

36, Raja Industrial Estate, Purushottam Kheraj Marg, Mulund (West), Mumbai - 400 080

Tel: +91 22 6797 4999

E-mail: mulund.lab@geochem.net.in

Minerals, Fuels & Agricultural products

Plot No. 125, Sector-8, Oslo Road, Gandhidham (Kutch), Gujarat - 370201

Tel: +91 2836 229836

E-mail: kandla@geochem.net.in

Minerals

Plot No. 211, Sector-A, Zone-B, First Floor, Mancheswar Industrial Estate, Bhubaneswar - 751010

Tel: +91 674 2588071

E-mail: lab.bbsr@geochem.net.in

Drugs, Pharmaceutical, AYUSH & Cosmetics

Cotecna Life Sciences India Private Limited
{Formerly known as GEO-CHEM LABORATORIES (RAJKOT) PRIVATE LIMITED}

Ganpati Pada, Plot 39, Indal Colony, TTC Industrial Area, Kalwa, Navi Mumbai, Thane- 400605

Tel: +91 22 6623 2323

E-mail: pharma.lab@geochem.net.in