



ChemCentre  
EXPERT SOLUTIONS

# Occupational Hygiene and Investigations

ChemCentre offers a suite of occupational hygiene solutions that are customised to protect your employees and brand. Our experts specialise in delivering relevant, non-routine, high-end and/or investigative analyses.

## Manage risk and ensure compliance

Occupational hygiene — the monitoring, management and elimination of potential workplace hazards — is a growing focus area for many organisations. Workplace hazards may have an impact on employees, operations or the wider community, and have implications for risk management and compliance with a range of regulations including employee duty of care.

## Accurate, defensible, informative data

ChemCentre expertise goes beyond traditional laboratory services. Our scientists assist clients to interpret data and make recommendations about exposure and risk management. We are experienced in delivering independent, expert testimony at a legally defensible level.

We also store data for future access, and this continuity of service allows data tracking over long periods to monitor exposure and identify trends.



## Our services include: Biological monitoring

- Total and inorganic arsenic
- Total mercury
- Metals (Be, Cd, Co, Cr, Mn, Mo, Pb, Ni, V, Tl, U)
- Fluoride
- Creatinine correction

## Clandestine laboratory remediation

ChemCentre works in conjunction with Western Australian Police to identify, dismantle and analyse clandestine drug laboratories (clan labs).

We are a leading authority on issues around clan labs, illicit drug management and remediation of these sites.

ChemCentre offers a suite of services:

- Sampling Advice (quantity and technique)
- Analysis for a range of chemicals of concern:
  - Illicit drugs (eg: methamphetamine)
  - Chemicals used in the manufacture process
  - Waste and by-products
- Legally defensible reports containing all data associated with the submitted samples
- Swab analysis for methamphetamine residue in non clan lab areas.



# Occupational Hygiene and Investigations



## Air monitoring

Our scientists provide expert advice on air sampling methods and chemicals of interest for a range of environments, including potentially polluted indoor areas, stack and vent emissions, and outdoor locations:

- Aldehydes and ketones
- Ammonia
- Anions/Acids
- C1 - C6 hydrocarbons
- Carbon monoxide
- Formaldehyde
- Hydrochloric acid
- Hydrofluoric acid
- Hydrogen cyanide
- Hydrogen sulphide
- Isocyanates
- Mercury
- Metals
- Nitrogen oxides
- Particulates
- Phenols and Cresols
- Polycyclic aromatic hydrocarbons (PAHs)
- Polychlorinated biphenyls (PCBs)
- Semivolatile organic compounds (sVOCs)
- Reduced and volatile sulfur compounds
- Terpenes
- Volatile organic compounds (VOCs) including BTEX.

## Contact us:

Our expert advice sets us apart from others; to find out more and discuss your specific requirements, please contact the ChemCentre team at:

✉ [organic\\_enquiries@chemcentre.wa.gov.au](mailto:organic_enquiries@chemcentre.wa.gov.au)

☎ (08) 9422 9800

🌐 [www.chemcentre.wa.gov.au](http://www.chemcentre.wa.gov.au)

## Potable water

Our expertise means we provide high quality results to ensure you adhere to the Australian Drinking Water Guidelines:

- Physical characteristics
  - Hardness
  - pH
  - Conductivity
  - Total dissolved solids
  - Turbidity
- Inorganic chemicals
  - Chloride
  - Nitrate
  - Nitrite
  - Fluoride
  - Iodide
  - Ammonia
- Metals
  - Arsenic
  - Barium
  - Beryllium
  - Boron
  - Cadmium
  - Copper
  - Iron
  - Lead
  - Manganese
  - Mercury
  - Molybdenum
  - Nickel
  - Selenium
  - Silver
  - Sodium
  - Sulfate
  - Tin
  - Uranium
  - Zinc

## Customised project development and management

ChemCentre helps clients develop entire monitoring programs to meet specific needs; for example:

- Real-time hydrogen sulfide gas monitoring and reporting systems to minimise the impact of seagrass degradation.
- Indoor air quality studies for major facilities, tracking the movement of gases and potential contaminants within a building.
- Systems for studying adsorbed chemical species (e.g. VOCs) on inhalable particles with the aim of minimising potential exposure.