

SPECIALIST AIR LABORATORY

Ektimo is the largest laboratory in Australia that specialises in air analysis.

We use a range of advanced instrumentation and techniques with a particular focus on regulatory compliant gaseous and air analysis.

Our laboratory offers a comprehensive range of services, from routine compliance to complex project analysis, and are committed to delivering high-quality results with fast turnaround times.

This is driven by a highly skilled team, with dedicated experience specific to air sampling and analysis.

- VOCS (CHARCOAL / RADIELLO TUBE - GCMS)
- VOCS - TO-15 (GAS BAGS / CANISTERS - TD-GCMS)
- SULFUR GASES (GAS BAGS / CANISTERS - TD-GCMS)
- HYDROCARBON GASES (GAS BAGS - FID)
- ATMOSPHERIC GASES (GAS BAGS - TCD/FID)
- SILOXANES (GAS BAGS / CANISTERS - TD-GCMS)
- METALS (FILTER / SOLUTION - ICPMS)

- ALDEHYDES (2,4-DNPH TUBE, RADIELLO / SOLUTION - HPLC)
- ISOCYANATES (ETHANOL - HPLC)
- PHENOLICS (SOLUTION - HPLC)
- ANIONS (SOLUTION - IC)
- DUSTS & PARTICULATES & PARTICLE SIZING
- ODOUR

Experts in air quality, odour and emission monitoring.

Ektimo is accredited with the National Association of Testing Authorities (NATA) for air emission monitoring methods in Australia, including the industry standard AS, USEPA and ISO methods.

For full details of Ektimo's scope of accreditation, search for Ektimo on the [NATA website](#).



[Contact us](#) to speak to one of our industry experts about how we can help with your next project.

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VOCs (Charcoal / Radiello tube - GCMS)		VOCs - TO-15 (Gas bags / Canisters - TD-GCMS)		Hydrocarbon Gases (Gas bags - FID)	Metals (Filter / Solution - ICPMS)	
1,1,1-Trichloroethane	Dodecane	1,1,1-Trichloroethane	Ethyl acetate	1,3-Butadiene	Aluminum (Al)	Nickel (Ni)
1,1,2,2-Tetrachloroethane	Ethanol	1,1,2,2-Tetrachloroethane	Ethyl chloride	1-Butene	Antimony (Sb)	Niobium (Nb)
1,1,2-Trichloroethane	Ethyl acetate	1,1,2-Trichloroethane	Ethylbenzene	Acetylene	Arsenic (As)	Palladium (Pd)
1,1-Dichloroethene	Ethyl acrylate	1,1,2-Trichloroethane	Heptane	cis-2-Butene	Barium (Ba)	Phosphorus (P)
1,2,3-Trimethylbenzene	Ethylbenzene	1,1-Dichloroethane	Hexachlorobutadiene	Cyclopropane	Beryllium (Be)	Platinum (Pt)
1,2,4-Trimethylbenzene	Ethylene oxide	1,1-Dichloroethene	Isopropanol	Ethane	Bismuth (Bi)	Potassium (K)
1,2-Dichloroethane	Heptane	1,2,4-Trichlorobenzene	m + p-Xylene	Ethylene	Boron (B)	Rhenium (Re)
1,3,5-Trimethylbenzene	Isopropanol	1,2,4-Trimethylbenzene	Methyl bromide	Isobutane	Cadmium (Cd)	Rhodium (Rh)
1-Methoxy-2-propanol	Isopropyl acetate	1,2-Dibromoethane	Methyl butyl ketone	Methane	Calcium (Ca)	Rubidium (Rb)
1-Methoxy-2-propyl acetate	Isopropylbenzene	1,2-Dichlorobenzene	Methyl chloride	n-Butane	Cesium (Cs)	Ruthenium (Ru)
2,3-Dimethylpentane	m + p-Xylene	1,2-Dichloroethane	Methyl ethyl ketone	Propadiene	Chromium (Cr)	Selenium (Se)
2-Butoxyethanol	Methyl ethyl ketone	1,2-Dichloropropane	Methyl Isobutyl Ketone	Propane	Cobalt (Co)	Silicon (Si)
2-Hexanone	Methyl Isobutyl Ketone	1,3,5-Trimethylbenzene	Methyl methacrylate	Propylene	Copper (Cu)	Silver (Ag)
2-Methylhexane	Methyl methacrylate	1,3-Butadiene	Methyl tert butyl ether	Propyne	Gallium (Ga)	Sodium (Na)
3-Carene	Methylcyclohexane	1,3-Dichlorobenzene	Naphthalene	trans-2-Butene	Germanium (Ge)	Strontium (Sr)
3-Methylhexane	n-Hexane	1,4-Dichlorobenzene	n-Hexane		Gold (Au)	Tantalum (Ta)
Acetone	Nonane	1,4-Dioxane	o-Xylene	Atmospheric Gases (Gas bags - TCD/FID)	Hafnium (Hf)	Tellurium (Te)
Acrylonitrile	Octane	Acetone	Propylene	Argon	Indium (In)	Thallium (Tl)
alpha-Pinene	Octane	Acrolein	R113-Trichlorotrifluoroethane	Carbon dioxide	Iridium (Ir)	Thorium (Th)
Benzene	o-Xylene	Benzene	R114-Dichlorotetrafluoroethane	Carbon monoxide	Iron (Fe)	Tin (Sn)
beta-Pinene	Pentane	Benzyl chloride	R11-Trichlorofluoromethane	Hydrogen	Lead (Pb)	Titanium (Ti)
Butanol	Propyl acetate	Bromodichloromethane	R12-Dichlorodifluoromethane	Methane	Lithium (Li)	Tungsten (W)
Butyl acetate	Propylbenzene	Bromoform		Nitrogen	Magnesium (Mg)	Uranium (U)
Butyl acrylate	Propylene oxide	Carbon disulfide		Oxygen	Manganese (Mn)	Vanadium (V)
Carbon tetrachloride	Styrene	Carbon tetrachloride		Propane	Mercury (Hg)	Zinc (Zn)
Cellosolve acetate	tert-Butylbenzene	Chlorobenzene			Molybdenum (Mo)	Zirconium (Zr)
Chlorobenzene	Tetrachloroethene	Chloroform				
Chloroform	Tetradecane	cis-1,2-Dichloroethene				
cis-1,2-Dichloroethene	Toluene	cis-1,3-Dichloropropene				
Cyclohexane	trans-1,2-Dichloroethene	Cyclohexane				
Decane	Trichloroethylene	Dibromochloromethane				
Dichloromethane	Tridecane	Dichloromethane				
D-Limonene	Undecane	Dimethylether				
		Ethanol				
				Sulfur Gases (Gas bags / Canisters - TD-GCMS)		
				Carbon disulfide		
				Carbonyl sulfide		
				Dimethyl sulfide		
				Ethyl mercaptan		
				Hydrogen sulfide		
				Methyl mercaptan		

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Aldehydes (2,4-DNPH Tube, Radiello / Solution - HPLC)

Acetaldehyde
Acetone
Acrolein
Butyraldehyde
Ethyl-methyl-ketone (2-butanone)
Formaldehyde
Hexaldehyde
Propionaldehyde
Valeraldehyde

Anions (Solution - IC)

Bromide
Chloride
Fluoride
Nitrate
Sulfide



Isocyanates (Ethanol - HPLC)

4,4-methylene bis-phenyl diisocyanate
2,4-toluenediisocyanate
2,6-toluenediisocyanate

Dusts & Particulates & Particle Sizing

Dust Deposition Gauges
Particle Size Analysis
Total Suspended Particles (TSP, PM2.5, PM10)

Siloxanes (Gas bags / Canisters - TD-GCMS)

Decamethyl cyclopentasiloxane
Decamethyl tetrasiloxane**
Dodecamethyl cyclohexasiloxane**
Dodecamethyl pentasiloxane**
Hexamethyl cyclotrisiloxane**
Hexamethyl disiloxane**
Octamethyl cyclotetrasiloxane
Octamethyl trisiloxane**
Trimethyl silanol

**Semi quantification

Phenolics (Solution - HPLC)

Resorcinol
m&p-Cresol
o-Cresol
Phenol

Odour

Dynamic Olfactometry (analysis by AS4323.3)