

Air and odour analysis



Analysis of
volatile
organic
compounds
and indoor air
quality

The trend is inexorable; today's consumers are shifting toward products that are not harmful to their health or the environment. This holds true in every sector, including architecture and construction, as well as in medicine. That's why a variety of green standards governing volatile organic compounds (VOCs) have emerged in recent years.

[CRIQ's COVert™ SERVICE](#)

CRIQ has consolidated all its services for identifying and monitoring VOCs emitted by finished products (building materials, plastics, soaps, medical equipment, oils, nutraceuticals, cardboards, etc.) under the COVert™ umbrella. These services are available to suppliers seeking to obtain a certificate of compliance with a voluntary environmental standard such as *LEED*, *BIFMA*, or *Greenguard*.

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Analysis of VOCs and indoor air quality

SOME ANALYSES CRIQ PROVIDES



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VOCs emitted by furniture and indoor materials

Target clientele	Manufacturers of furniture and interior materials (carpets, baths, paint, tiles, etc.)	
Reference standards	ASTM 5116 (analytical procedure) BIFMA X7.1 (reference for acceptable levels)	
Parameters analyzed	TVOC ¹ Total aldehydes	Formaldehyde 4-Phenylcyclohexene

VOCs emitted by furniture and indoor materials

Target clientele	Manufacturers of furniture and interior materials (carpets, baths, paint, tiles, etc.)	
Reference standards	Greenguard GGTM.P066	
Parameters analyzed	TVOC ¹ Total aldehydes 4-Phenylcyclohexene	Formaldehyde Styrene IVOC ²

Qualité de l'air intérieur avant occupation

Target clientele	Architects, general contractors, and firms specializing in LEED certification	
Reference standards	EPA PB 90-200288 (analytical procedure) LEED Canada-NC Version 1.0 section IEQ/IAQ credit 3.2 (levels)	
Parameters analyzed	Particulates TVOC ¹ 4-Phenylcyclohexene	Formaldehyde Carbon monoxide

1. Total volatile organic compounds
2. Individual volatile organic compounds

For advice or information on indoor air quality analysis services:

Marie-Josée Hardy, Director
Industrial Eco-efficiency and Environment
333 rue Franquet, Québec City, Québec
G1P 4C7
418-659-1550 / 800-667-2386, ext. 2603

Guy Genest,
Business Development Coordinator
333 rue Franquet, Québec City, Québec
G1P 4C7
418 659-1550 / 800 667-2386, ext. 2879