



Aquatic Toxicology Services

SRC Environmental Analytical Laboratories' Aquatic Toxicology Laboratory provides both industry and government with qualitative and quantitative data on the adverse effects of mine effluents, municipal wastewater discharges and/or chemical products on aquatic organisms.

Tests include standardized acute lethality and sublethal toxicity tests. These tests measure endpoints such as survival, growth and reproduction on ecologically relevant aquatic organisms at various concentrations.

SRC Environmental Analytical Laboratories is accredited by the Canadian Association for Laboratory Accreditation (CALA) in accordance with the ISO/IEC 17025 standard for numerous tests, including the acute lethality toxicity test.

Through our services, clients are provided with the information necessary to meet reporting requirements, to operate safely and responsibly, and to ensure operations are consistent with government regulations.

In addition to offering standardized test services, our laboratory offers method development services using standard and site-specific indicator species.



Acute Lethality Toxicity Tests

Rainbow trout
(*Oncorhynchus mykiss*)

Daphnia
(*Daphnia magna*)

Sublethal Toxicity Tests

Fathead minnow
(*Pimephales promelas*)

Ceriodaphnia
(*Ceriodaphnia dubia*)

Duckweed
(*Lemna minor*)

Algae
(*Raphidocelis subcapitata*)



CALA

Testing
Accreditation No. A 2472