



## CAWTHRON LABORATORY SERVICES

Cawthron is an independent research organisation providing science and technology solutions to its customers.

Cawthron Laboratory Services provide a comprehensive range of testing and analysis across several sectors, including food, natural products and microbiology. We are also able to provide assistance with the interpretation of results.

## THE NATURAL PRODUCTS LABORATORY

The introduction of a new regulatory scheme for the nutraceutical industry led to Cawthron establishing our GMP certified laboratory.

The laboratory is focused on analysis of nutraceutical products and ensuring that transition to the new regulatory environment is as smooth as possible.

We provide:

- A fully certified and audited laboratory
- Analysis of raw materials, intermediates and finished products
- Full pharmacopoeia monograph testing
- Development and validation of analytical methods
- Development of monographs
- A complete microbiological testing service
- Commitment to work in collaboration with industry



## METHOD DEVELOPMENT & VALIDATION

Many nutraceutical products currently available contain ingredients which do not have a monograph in a relevant pharmacopoeia.

Cawthron offers our customers expert advice and guidance to generate a suitable monograph. We can offer advice on relevant tests, the amount of validation required and the most suitable method of analysis.

Using our experience and expertise we offer full method developments and validation capabilities. We develop robust analytical methods based on good analytical science. We also validate methods to meet ICH guidelines.

Please contact us to discuss any method development or validation requirements that you have.

## ANALYSIS AND INSTRUMENTATION

A wide range of analytical techniques are available in our laboratories, we can currently offer:

- High Performance Liquid Chromatography (HPLC)
- Gas Chromatography
- FT – Infra Red Spectrometry
- Thin Layer Chromatography
- AAS (Flame and Furnace)
- UV/VIS

An extensive range of classical and pharmacopoeia techniques are also used to offer you a complete analytical service in order to meet all of your regulatory requirements.

## CAWTHRON & THE NATURAL PRODUCTS INDUSTRY

Cawthron is committed to offering the nutraceutical industry a regulatory compliant, yet common sense approach to meet their analytical requirements.

Our commitment to the natural products industry is demonstrated by our efforts in developing and validating methods of analysis for nutraceutical ingredients to the highest standards.

We have worked with industry partners to identify and develop methods of analysis for:

- IgG in Colostrum
- Flavonoids in Propolis
- 10-HAD in Royal Jelly
- Chondroitin (from all sources)

All of the methods above are being, or have been, fully validated to allow the products in which they are used to be successfully marketed in Australia.

**As Cawthron has New Zealand's only GMP accredited laboratory specialising in natural products, it is able to focus on the unique needs of this growing industry in the new regulatory environment.**

**For enquiries please contact:  
Paul Parker  
GMP Laboratory Section Head**

**Cawthron Laboratory Services  
Phone (03) 548 2319 extn:275  
Fax (03) 546 9464  
Email:lab@cawthron.org.nz  
WWW.CAWTHRON.ORG.NZ**

