



WINE TESTING

Quality control from
vine to vintage





RELIABLE

You can count on us



SUPPORTIVE

Eager to help



RESPONSIVE

What do you need?



LOCAL

Committed to Aotearoa New Zealand



TRUSTED

Since 1984



Testing your wine from vine to glass enables you to make informed decisions to meet industry regulations and demands, and ultimately produce a better finished product.

From soil, plant and wine testing through to juice testing and export certification, testing allows you to maintain optimal conditions for wine composition and quality at every stage of wine making.

Hill Labs has a specialist wine testing lab right where you need it, located in the heart of Marlborough.

We offer a suite of testing for every stage in wine production, from vine to finished wine. We specialise in wine export analysis and have a number of other related analyses to meet all major winery testing needs. With changing and complex export requirements, we work closely with the industry to ensure we have the latest test requirements you need to take your wine abroad.

■ PESTICIDE RESIDUES TESTING

We can test for over 400 different pesticide residues in grapes, juice and wine, using high-tech instruments to carry out residue analyses. Our results can be directly compared to MRL's to ensure your product is fit for export and supply. Our pesticide residue suites are updated annually to ensure we are keeping up with the latest agrochemical registrations. We also offer heavy metal, elemental assays and basic nutritional information panel testing to make sure grapes and wine are safe for consumption.

■ EXPORT WINE TESTING

To export New Zealand grape wine you need to ensure that the wine meets export eligibility requirements under the Wine Act 2003. Hill Labs offers a comprehensive array of wine export testing options. Our wine export testing is covered by IANZ accreditation and we work closely with the Ministry for Primary Industries to ensure that we have the latest test requirements. We can also offer individual analysis on all tests that make up the export profiles.

■ WINE COMPOSITION

Testing for volatiles in your wine can confirm you have a premium wine product. This includes measuring the thiols and methoxypyrazines in your wine and checking there are no unpleasant flavours using our 4EG-4EP test.

■ PLANT TESTING

Plant analysis is a valuable diagnostic and monitoring tool that can be used to routinely monitor nutrients to help sustain optimum levels and thus avoid nutritional disorders. Plant testing can also be used to identify nutrient deficiencies, toxicities or imbalances. Leaf blade and petiole tissue testing for the full range of NZ varieties are offered.

■ WINERY WATER TESTING

If you make or package wine (grape wine, fruit or vegetable wine, cider and mead) for trade or export, then you need to ensure the water used is of "suitable quality", i.e. that it complies with the Wine Act 2003. E.coli and turbidity are two criteria that should be tested to determine if water is clean. Self-supply water (water supplied by the winemaker such as tank water, bore water, river water) must be tested every year to determine whether it meets the criteria for clean water.

■ SOIL TESTING

Soil testing takes the guesswork out of nutrient management and allows cost effective fertiliser programmes to be produced, targeting fertiliser applications where they are most required to meet your growing objectives. Various tests are available to provide a view of soil health.

■ JUICE TESTING

Juice testing provides valuable data you need to help make that all-important decision on what to add to your juice to balance it and make good wine. The Basic Juice Panel includes Brix, pH, titratable acidity, yeast assimilable nitrogen (YAN) and malic acid.

■ GRAPEVINE LEAFROLL ASSOCIATED VIRUS TYPE 3 (GLRAV-3)

Grapevine leafroll associated virus 2 and 3 (GLRaV-2 and 3) GLRaV-3 testing allows nurseries to ensure they are complying with the NZ Winegrowers Grafted Grapevine Standard, which aims to minimise the risk of GLRaV-3 being present in grafted grapevines intended for sale. GLRaV 2 and 3 is also available as a tool for vineyards to assess whether the virus is present in vineyard blocks. GLRaV 2 and 3 is associated with a shorter commercial lifespan causing deterioration in fruit quality and vine performance. GLRaV 2 is also associated with graft incompatibility and a lower sugar yield.





We've been delivering analytical testing services to Aotearoa New Zealand for a long time, since 1984 in fact. Today, we are proud to be a trusted service provider to customers across a broad range of industry sectors.

We would love to hear from you!
Contact us today to talk to one of our friendly Client Services Managers to find out more.

Get in touch

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