

Sample Submission Instructions

1. Collect a sample of the juice, wine, cider, etc. that you would like to have tested. The volumes necessary for testing can be found below.

Table 1: Minimum Sample Volumes

Analysis	Minimum Sample Volume Required per Test
pH and Titratable Acidity	100 mL
Free SO ₂ & Total SO ₂	100 mL (ensure there is NO headspace)
Heat Stability, Cold Stability	100 mL
Acetic Acid, Malic Acid, Residual Sugar, Alcohol, Methanol, Yeast Assimilable Nitrogen	50 mL
All other chemistry	100 mL
Methoxypyrazines	200 mL in glass bottle only
Filtering for microbial count	2 bottles or cans (properly sealed)

2. Clearly **label** the samples with indelible ink either directly on the sample container or on tape attached directly to the sample container.
3. Make sure all sample containers are well sealed. Juice samples or samples that are fermenting **MUST** be kept on ice until delivery.
4. Print off a **Sample Submission Form** from the CCOVI website and fill out completely. Copies of this form are also available to be filled out at the laboratory at the time of delivery.
5. Samples can either be brought directly to CCOVI or shipped by courier:
 - i. Samples may be dropped off at the Analytical Services Laboratory, Inniskillin Hall Room 215, from **Monday to Friday**. The lab is open from **9AM to 5PM**, so samples can be brought before 9AM if needed. *Please consult the CCOVI website for detailed driving and campus directions.*
 - ii. Alternatively, samples may be **shipped** to CCOVI for analysis. It is recommended that samples are shipped in plastic bottles (water bottles often fare well) and are double sealed (i.e. in a container inside a sealed plastic bag). In the warmer months, shipping in a well-sealed cooler with icepacks will help prevent degradation of the samples. If shipping juice samples, they must be frozen and kept frozen by the shipping company. Do not ship samples that are actively fermenting. Place the completed **Sample Submission Form** in a separate water-resistant sleeve. In case of label errors by the shipping company, please ensure the entire address (and the return address) are written elsewhere on the box separate from the label.

CCOVI Analytical Services
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1812 Sir Isaac Brock Way
St Catharines, ON L2S 3A1
6. If you have any further instructions, requests not covered by the sample submission form, or other questions or concerns regarding sample analysis, contact Analytical Services at 905-688-5550 extension 3510 or ccovilab@brocku.ca.
7. Samples will be retained for seven (7) days after the results are sent out unless we are otherwise instructed. The samples will be disposed of at the end of seven days. If you bring re-usable containers, we can return them to you.