



Wine Microbiological Analysis Request Form

Company	Email		
Contact person	Date	Tel	

Sample number (for laboratory use only)	Sample nr	Sample nr	Sample nr	Sample nr	Sample nr
Cultivar/Product					
Description					
Tank Number					
Vintage					

General Microscopy					
Microscopic Identification	Monitor sample for microbiological activity				
Yeast cell count and viability	Monitor fermentation/starter culture efficacy				
Sediment Identification	Identification of foreign particles in sample; various methods used for confirmation				

Direct plating					
Yeast Culture	Non-selective detection of any viable yeast, 3-day turnaround time				
Bacteria Culture	Non-selective detection and enumeration of any viable bacteria, 7-day turnaround time				
Brettanomyces Culture	Selective plating for viable Brettanomyces cells; 7-day turnaround time				
Mould count	Non-selective detection of any viable mould, 7-day turnaround time				
Acetobacter Bacteria Culture	Selective plating for viable Acetobacter cells; 7-day turnaround time				
Osmophilic yeast	Selective plating for viable yeasts that can survive high sugar concentrations; 3-day turnaround time				

Filter plating					
Sterility 3-Day	Test the effectiveness of sterile filtration at bottling ensuring wine is microbiologically stable with respect to yeast growth; 100 mL bottled wine required.				
Sterility 5-Day					
Yeast and Mould	Export microbiological analysis. 100 mL of bottled wine required per export analysis requested; 5-day turnaround time.				
Total Plate Count					
E. Coli and Total Coliforms					
Staphylococcus spp.					
Bacteria (aerobic and lactic)					
Hydrogen sulphide producing bacteria					

Panels					
Brettanomyces Management	Includes Brettanomyces culture; 4-EP and 4-EG.				
Stuck fermentation	Includes MicroID, yeast cell count and viability, residual substrates (glucose and fructose) MLF and VA				
Stuck MLF	Includes MicroID, bacteria culture, malic acid, pH, alcohol and TSO2				
Filtration decisions	Includes MicroID, bacteria and Brettanomyces culture, residual substrates (glucose, fructose and malic acid), pH, VA and turbidity				

PCR - Species Identification					
Scorpion Yeast Panel	Identification of Brettanomyces, Saccharomyces and Zygosaccharomyces				
Scorpion Bacteria Panel	Identification of Acetobacter, Lactobacillus, Oenococcus and Pediococcus				
Scorpion Yeast and Bacteria Panel	Combined Yeast and Bacteria Panel				

SMS MY RESULTS

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T: +27 21 882 8866
M: +27 63 685 0750
info@vinlab.com
www.vinlab.com

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