

GM144 SATURATION TEMPERATURE

POTASSIUM TARTRATE STABILITY	T _{sat} (°C)		
	LIGHT RED WINES	HEAVY RED WINES	WHITE & ROSÉ WINES
Stable*	<15	<18	<12
Unstable	15-20	18-21	12-16
Very Unstable	>20	>21	16-20
Extremely Unstable	N/A	N/A	>20

*Base wines for sparkling wines are considered stable below 10°C

The temperatures shown in the table above are manufacturer recommendations however the absolute values are highly wine composition dependent. For example in a wine containing large amounts of natural crystallization inhibitors a T_{sat} <16 °C may actually indicate stability in some wines, this measure is only indicative and not absolute. T_{sat} measurements are more indicative of tartrate loading.

GM147 BRETTANOMYCES BRUXELLENSIS (VERIFLOW)

Veriflow® result	*Qualitative numerical indication (cells/mL)
Negative	0
Positive low range	1 - 100
Positive medium range	100 - 500
Positive high range	> 500

*Please note this is the approximate number of *B.bruxellensis* cells/mL, giving an indication of the level of contamination.

Veriflow relies on the detection of DNA which is proportional to cell content and is not a direct measure of cfu viable cells. It is possible to obtain a positive Veriflow™ result and a negative result using the traditional plating method. This may be where the Veriflow™ test is detecting the DNA of a strain that is viable but does not necessarily grow on plates for a number of reasons. These strains are referred to as viable but non culturable (VNBC).

GM153 BEER SPOILAGE RISK (VERIFLOW)

Veriflow® result	PAL score/spoilage risk	*Qualitative numerical indication (cells/mL)
Negative	Negative	0
Positive 1	1 / low risk index	2 - 16
Positive 2	2 / moderate risk index	16 - 45
Positive 3	3 / elevated risk index	45 - 100
Positive 4	4 / high risk index	100 - 275
Positive 5	5 / extreme high risk	>275

* Please note this is an approximate number of *Pediococcus* / *Lactobacillus* cells/mL, giving an indication of the level of contamination.

Veriflow® relies on the detection of DNA which is proportional to cell content and is not a direct measure of cfu viable cells. It is possible to obtain a positive Veriflow® result and a negative result using a traditional plating method. This may be where the Veriflow® test is detecting DNA of a strain that is viable but does not necessarily grow on plates for a number of reasons. These strains are referred to as viable but non culturable (VNBC).