

PURPOSE OF TEST

WINECAL-RTU is a multiparametric standard to be used in combination with Sinatech's methods for wine and must analysis. It is a primary aqueous standard (weight) ready to use and stabilized to guarantee maximum stability for all its components up to its expiry date.

CONTENT

STD	4 x 7 mL	Standard multiparametric (L1-L2-L3-L4)
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STANDARD PREPARATION

The standard is ready for use with values for each analyte near the top for linearity to each method. If analytical procedures in the laboratory require the use of a additional calibration points, the required point must be prepared using distilled water (analytical grade).

Because some components are volatile, all standards should be kept closed until use and remain closed when not in use. Keep them at 2-8 °C tightly closed. All diluted standards are stable up to one month.

STORAGE AND STABILITY

The standard is stable until the expiration date if stored at the set temperature (2 - 8°C) and in a well closed bottle. Avoid contamination and discard any regulations with signs of turbidity and / or precipitation. Do not return any remaining standards to the original bottle.

NOTE

The standard is ready for use and requires neither pre-treatment nor additional dilution.

Uncertainty values (U) are available upon request.

VALUES

PARAM.	CONCENTR.				UN.
	L1	L2	L3	L4	
Acetic Acid	0,25	0,50	0,75	1,00	g/L
L-Lactic Acid	0,75	1,50	2,25	3,00	g/L
L-Malic Acid	1,25	2,50	3,75	5,00	g/L
Glucose + Fructose	1,50	3,00	4,50	6,00	g/L
Glucose	0,75	1,50	2,25	3,00	g/L
Total Sugar	1,50	3,00	4,50	6,00	g/L
D-Gluconic Acid	0,50	1,00	1,50	2,00	g/L
Citric Acid	0,25	0,50	0,75	1,00	g/L
Tartaric Acid	1,50	3,00	4,50	6,00	g/L
Glycerol	0,10*	0,20*	0,30*	0,40*	g/L
Ammonial Nitrogen	62,50	125,00	187,50	250,00	mg NH ₄ ⁺ /L** mg N/L
	50,00	100,00	150,00	200,00	
Primary Amino Nitrogen	62,50	125,00	187,50	250,00	mg N/L

*Do not dilute the standard. This value is equivalent to a sample of 3-6-9-12 g / L diluted 1:30 according to the procedure.

** For use at YAN (Yeast Available Nitrogen) calculation, multiply the value by 0,78 to express the concentration in mg N/L

