

Basic Descriptive Measures

Test	Measurement	Methodology	What for?	Price (\$)/Sample
pH	[H ⁺]	Potentiometry	Indication of long-term resistance to spoilage	\$5
TA	Titrateable acidity	Automatic titration against 0.1N NaOH	Sum of all organic acids present; indicates balance	\$12
VA	Volatile acidity	Gas chromatography/enzymatic test	Determination of aromatic (spoilage) faults	\$20
ALC	Alcohol (%)	NIR spectrophotometry	TTB Compliance	\$20
SS	Total Sol. Solids	refractometry	Assessment of potential alcohol	\$5
MAL	Malic acid	enzymatic/spectrophotometry	Determination of malic acid in juice or wine	\$20
FSO ₂	Free SO ₂	Titration or Flow injection analysis	TTB Compliance - redox titration	\$10
			TTB Compliance - Flow Injection Analysis	\$15
TSO ₂	Total SO ₂	Titration or Flow injection analysis	TTB Compliance - redox titration	\$13
			TTB Compliance - Flow Injection Analysis	\$17
YAN	Yeast Available Nitrogen	enzymatic/spectrophotometry	Determine extent of pre-fermentation supplements	\$20
JHB	Juice Panel	pH, TA, MAL, YAN, SS	Harvest suitability (\$20 savings)	\$42

Intermediate Descriptive Measures

Test	Measurement	Methodology	What for?	Price (\$)/Sample
K	Potassium	Ion Chromatography	Determination of long term vineyard development	\$20
RS	Reducing Sugars	enzymatic/spectrophotometry	total reducing level	\$20
ION	Acid profile	Ion Chromatography	identification of all acids, by type	\$45
COL	Total phenols	spectrophotometry	various (color, etc.)	\$30
AcP	Acid profile	Ion Chromatography	Identificaiton of tartaric, malic,citric, etc.	\$25
CS	Cold Stability	Electrochemical conductivity	Identification of tartaric salt stability	\$25
HE	Heat Stability	Light scattering	Verification of protein stability	\$30
MLF	Malolactic	enzymatic/spectrophotometry	To determine if MLF is complete	\$20

Advanced Descriptive Measures

Test	Measurement	Methodology	What for?	Price (\$)/Sample
ArP	Aroma Profile	GC-MS	Identification of volatile aroma components	call for quote
PhP	Phenolics Profile	HPLC-MS	Identification of non-volatile aromatic	call for quote
EtC	ethyl carbamate	GC-MS	Identification of common contaminant	call for quote
HIST	Histamines	HPLC-MS	Histamine levels in your wine	call for quote
CA			<i>Custom Analysis - what do you want to know?</i>	call for quote
NPD			<i>Other Services - grant writing, new product development</i>	call for quote