

Unitech Scientific LLC WINE TESTING REAGENTS

Name	Code	Method	Wavelength	Linearity
Acetic Acid	AA-F	ACS-MDH-CS	340nm	0-1.5G/L
Ammonia	AMM AMM-2	GLDH GLDH Extended	340nm	0-175mG/L 0-350mG/L
Primary Amino Nitrogen (NOPA)	PAN	OPA, photometric method	340nm	0-400mG/L
D-Glucose/Fructose UniFLEX UniTAB	GF-F GF	Enzymatic HK/G6PDH, PGI	340nm	0-8 G/L
L-Malic Acid UniFLEX UniFLEX Extended LMA UniTAB	LMA-F LMA CW-F LMA	Enzymatic HK/G6PDH Method	340nm	0-0.8G/L 0-2.0 G/L 0-0.8G/L
Free Sulfite	SO2 Free	Fucsin-aldehyde Sample Blank Method	545nm	5-100ppm
Total Sulfite	SO2 Total	Ellman's reagent Sample Blank Method	405nm	10-200ppm
Acetaldehyde	ACE	Aldehyde Dehydrogenase	340nm	0 - 0.12 G/L
Anthocyanins	Antho F	Photometric, indexed to HPLC	520 or 535nm	0-800mG/L
L-Ascorbic Acid	ASC	Enzymatic, Ascorbate Oxidase	340nm	0-600mG/L

The COMPLETE LINE of Wine Testing Reagents

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Name	Code	Method	Wavelength	Linearity
Calcium	CA	Colorimetric, Arsenazo III Chromophore	620-660nm	0-16mG/dL
Citric Acid	CIT	Citrate Ligase	340nm	0.02 –0.4 G/L
Copper	CU	Di Br PAESA Chromogenic	580nm	0-4 mG/L
Wine Color	WCol F	Dilution, direct measurement	420,520 620nm	0-2.5 ABS
D-Glucose	GLU F	Enzymatic HK/G6PDH	340nm	0-8 G/L
Glycerol	GLY	Enzymatic Glycerol Kinase/ Glycerol PhosphoOxidase	340nm	0-13 G/L
D-Gluconic Acid	GLUC	Enzymatic, GK/6PDGH	340nm	0 - 2 G/L
Iron	FE	Ferene Chromogen complex	595nm	1000 µg/dL
D-Lactic Acid	DLA	Enzymatic D-LDH	340nm	0-0.65G/L
L-Lactic Acid	LLA	Enzymatic L-LDH	340nm	0-0.65G/L
Total Phenols	PHE	Folin-Ciocalteu method	750nm	Red: 4000mG/L Wh: 2000mG/L
Potassium	POT	Enzymatic	340nm	300-3000mG/L
Sucrose	SUC	Enzymatic, Invertase Hydrolysis reagent used with G/F Reagent for total Glucose & Sucrose determinations		
Tartaric Acid	TA	Ammonia-Vanadate photometric Method	492nm	0-6G/L

Trust Unitech Scientific: Superior Reagent Quality, Easy Protocols, Excellent Technical Service, Choice Of Kit Sizes, Prompt Delivery