



Zenith: A Revolution in Tartrate Stabilization

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Overview

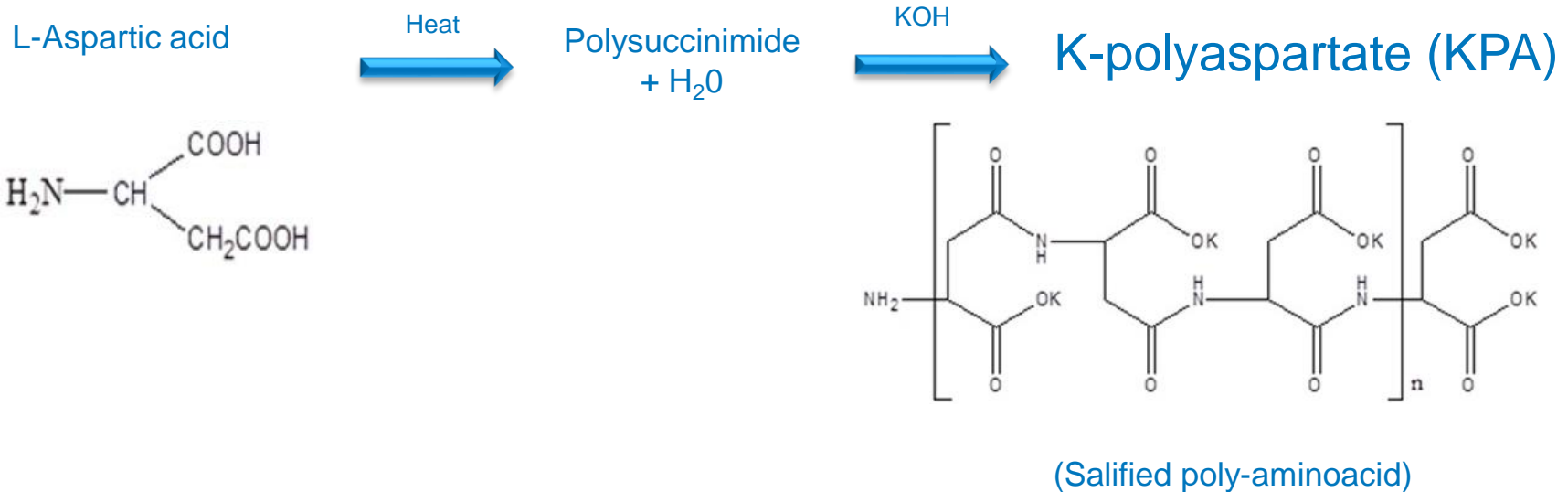
- Why Zenith?
- How to use Zenith
- Vinqury Labs Testing for Zenith



- Innovation
- Performance
- Quality
- Sustainability
- Cost Effectiveness



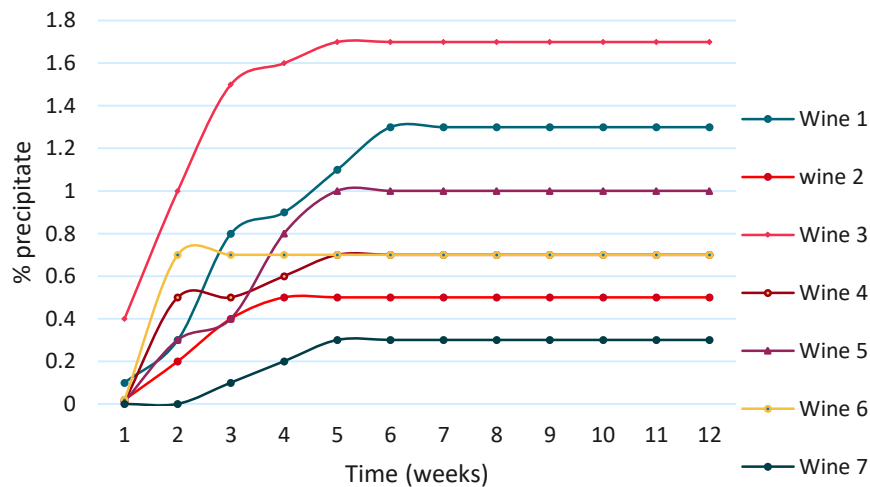
- Zenith is based on a revolutionary new molecule potassium polyaspartate (KPA)

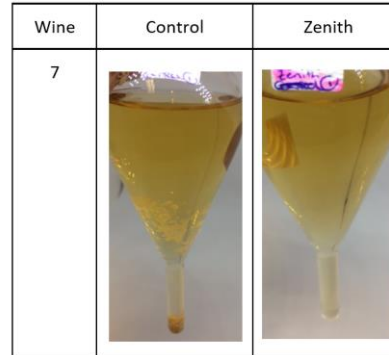
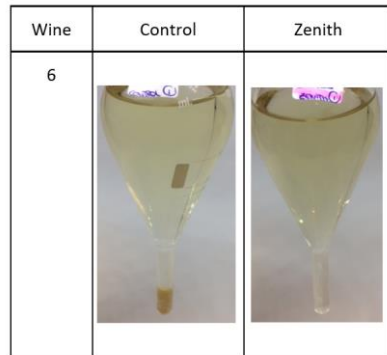
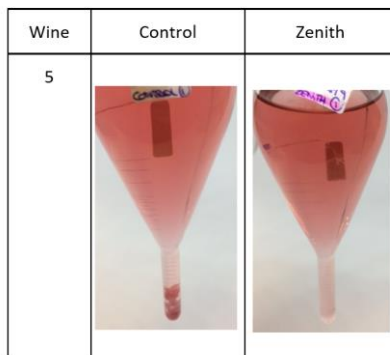
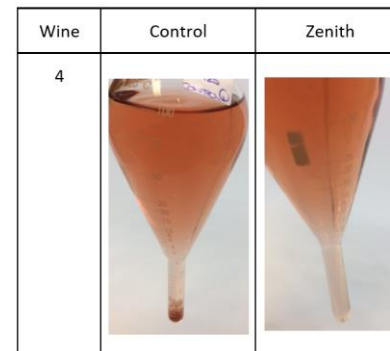
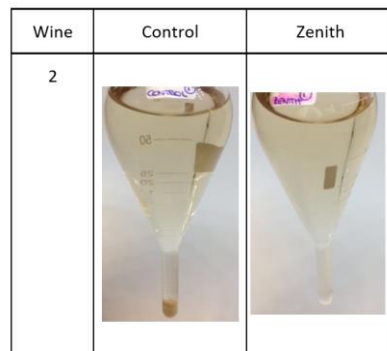
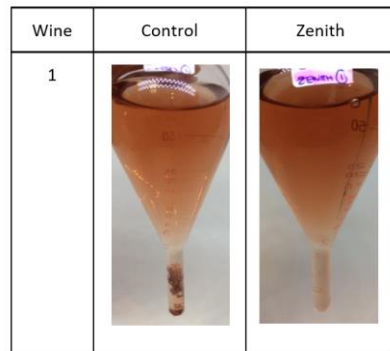


7 unstable white/ rose wines in 3 months cold storage -4 C

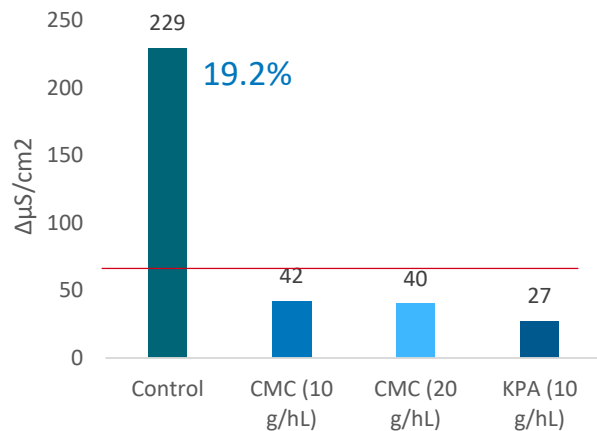
Wine	Initial untreated abs Δ conductivity	% Precipitate 3 months Control	% Precipitate 3 months Zenith Uno
1	140	1.3	0
2	311	0.5	0
3	170	1.7	0
4	150	0.7	0
5	200	1	0
6	105	0.7	0
7	101	0.3	0

% Precipitate for Control treatments over time

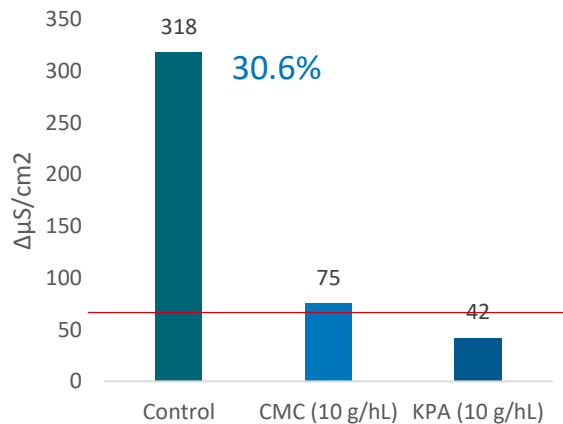




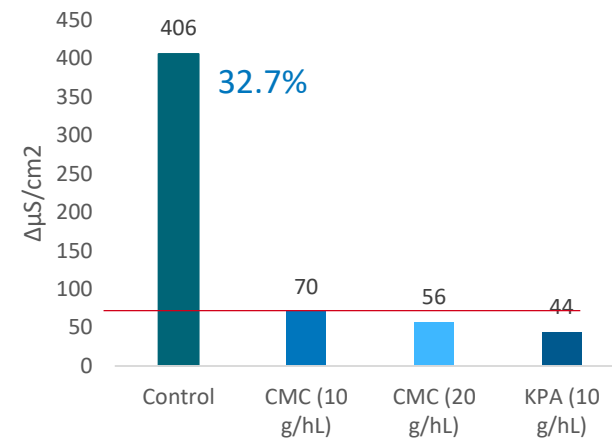
Wine 1



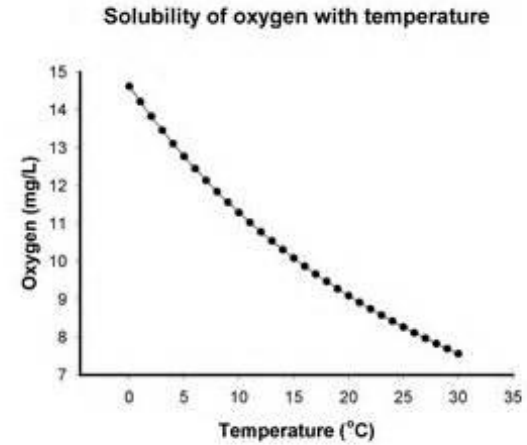
Wine 2



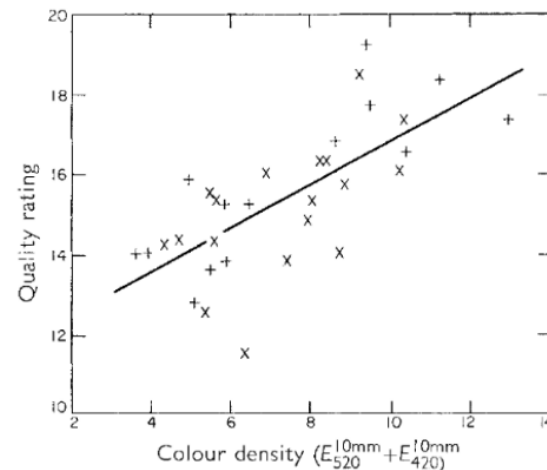
Wine 3



	$\Delta\mu\text{S}$	Stability level
WHITE WINES	< 30	very stable
	30 - 50	stable
	50 - 70	at risk
	> 70	unstable







Somers and Evans (1974)

Test 6 days -4° C



Control

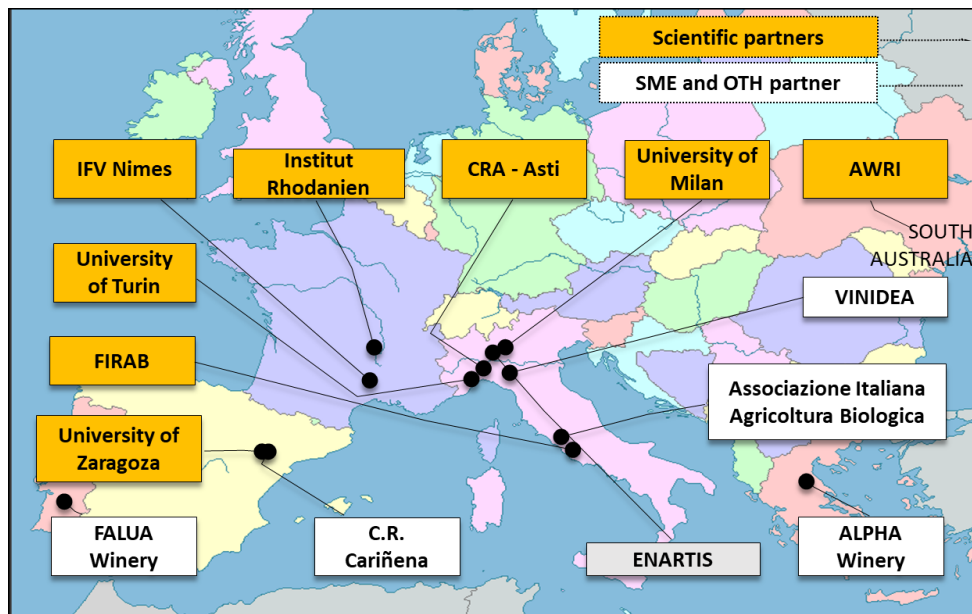
$\Delta\mu\text{S/cm} = 89$

**Color intensity reduction:
9.6%**



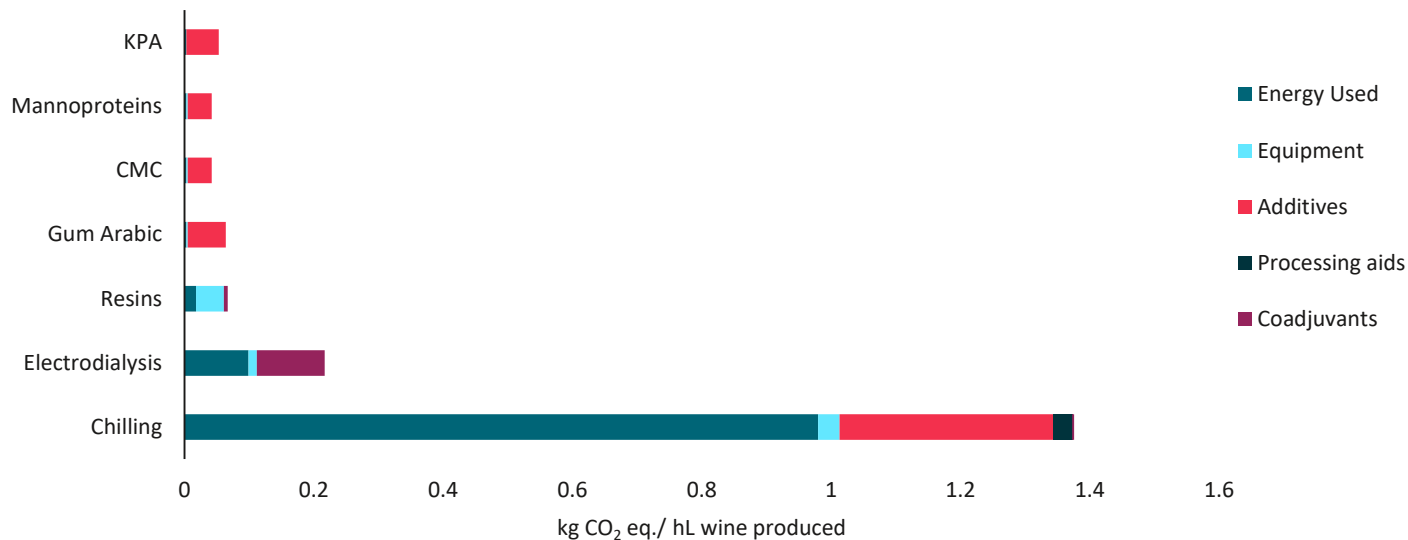
**Zenith Color 200
mL/hL**

STABLE

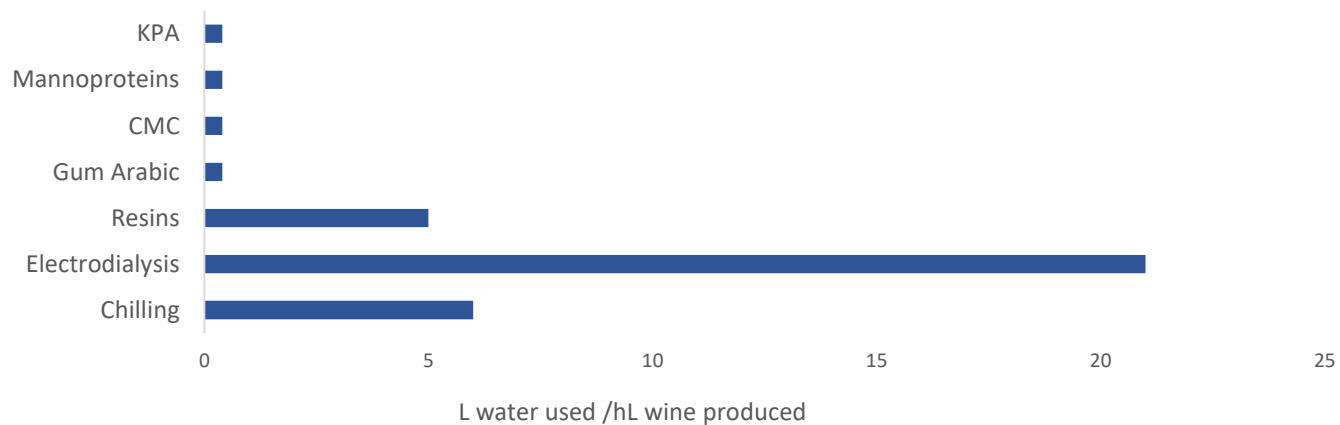




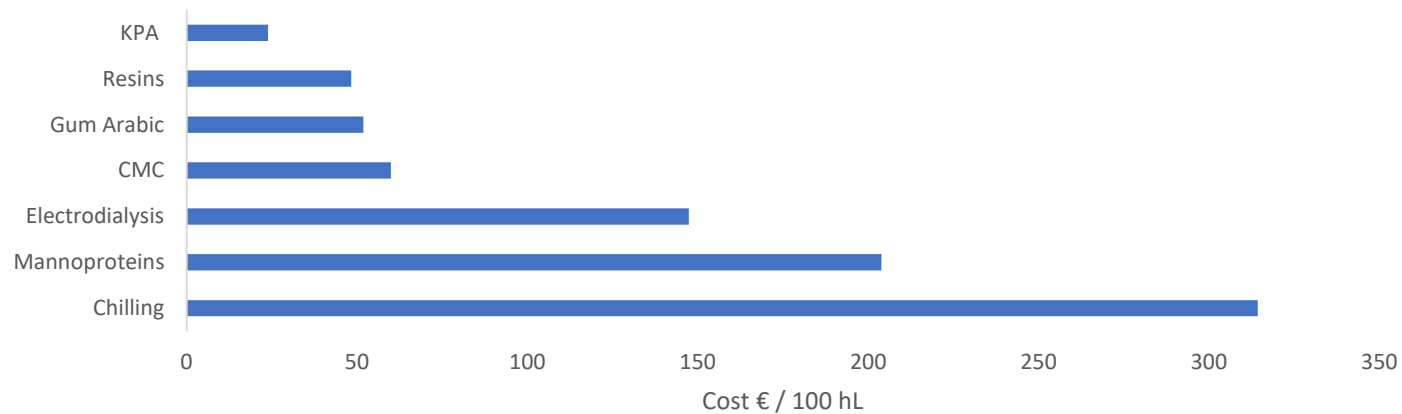
SUSTAINABILITY – ENERGY USE = CO₂



StabiWine 2015

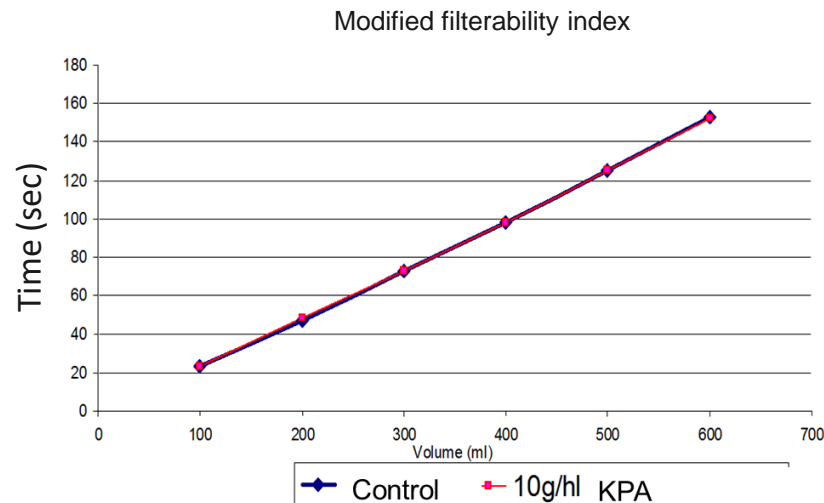


StabiWine 2015



StabiWine 2015

- Prepare wines for Zenith, Bentonite fining for Zenith
- Test wine for both tartrate and colloid stability for final blend. Vinquiry offers this testing
- Added to wine just prior to bottling, post filtration



Panel offerings by Vinquiry labs:

Sample Name	Description	\$ / Sample	Sample volume (mL)
Bentonite Fining for Zenith®	Determines amount of chosen bentonite to stabilize wine for use with Zenith®	98	750
Zenith® for White/Rose Panel	Checks tartrate stabilization efficacy with Zenith® Uno, Checks colloid stability	134	750
Zenith® for Red Panel	Checks tartrate and color stabilization of wine with Zenith® Color	165	750
Zenith® for Sparkling Panel	Checks tartrate stabilization efficacy with Zenith® Uno, checks colloid stability	134	750



OTHER EXCITING TOOLS COMING SOON

- SURLI KPA
- STAB CLK + KPA



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THANK YOU!

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