



PROTOCOL FOR THE ADDITION OF ASCORBIC ACID AND COPPER SULPHATE

- ~ Ensure free SO₂ levels at least 20mg/L.
 - ~ Add 5 mg/L ascorbic acid – mix and allow to react for at least 12hours.
 - ~ Add CuSO₄ at recommended dose rate – mix well.
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- ~ Ensure all additions are made at least 7 days before bottling.
 - ~ Measure copper levels before bottling – fining to remove residual copper may be necessary where residual copper levels are > 0.6mg/L.

Please note that adding CuSO₄ may potentially result in the formation and occurrence of further negative volatile sulphur compounds in the long-term. These exist in a redox equilibrium which shifts depending on the redox status of the wine. The redox status changes over time, due to the nature of bottle ageing, and because there will always be residual copper in wine that has had copper additions.

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