



# CERTIFICATE OF ANALYSIS

Cooperages 1912  
Q212 HAHP

Haloanisoles/Halophenols in Wood

Synthetic Wine/**Derivatized** Twister Extraction-GC/MS 07/05/12

|                            | 2070307-06        | 2070307-07        |  |
|----------------------------|-------------------|-------------------|--|
|                            | FO<br>2nd Quarter | AO<br>2nd Quarter | * Maximum<br>Permitted<br>Levels (MPL) |
| 2,4,6-trichloroanisole     | ND or<MPL         | ND or<MPL         | 0.5                                    |
| 2,4,6-tribromoanisole      | ND or<MPL         | ND or<MPL         | 0.5                                    |
| 2,3,4,6-tetrachloroanisole | ND or<MPL         | ND or<MPL         | 1.5                                    |
| pentachloroanisole         | ND or<MPL         | ND or<MPL         | 100                                    |
| 2,4,6-trichlorophenol      | ND or<MPL         | ND or<MPL         | 5                                      |
| 2,4,6-tribromophenol       | ND or<MPL         | ND or<MPL         | 5                                      |
| 2,3,4,6-tetrachlorophenol  | ND or<MPL         | ND or<MPL         | 15                                     |
| pentachlorophenol          | ND or<MPL         | ND or<MPL         | 100                                    |

results in ng/g

Glenn Jeffries, Senior Project Chemist

ND or<MPL: Non Detected or Less than Maximum Permitted Levels

\* Maximum Permitted Levels by Federation Francaise de Tonnellerie

Analytical Sciences  
110 Liberty Street  
Petaluma, CA 94952  
(707) 769-3128