



Analysis report and recommendations
done by THALES WINE CELLAR SERVICES

for

Rubio® Monocoat SA

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Preface:

This document follows the analysis of 1 samples that was sent by Rubio® Monocoat SA for analyses of organohalogens.

Sample reference:

1. SOL002279 Rubio Monocoat Oil Plus 2c

It comprises 3 successive parts, namely

- Results of the organohalogen analysis
- Interpretation of the results
- Conclusions and recommendations

The conclusions envisaged by Thales are based on the interpretation of the results of analyses of organohalogen compounds provided by an independent laboratory. They are presented to you to assist you in choices that are often difficult. The final decision on what actions to take lies with Rubio® Monocoat

1. A: RESULTS OF THE ORGANOHALOGEN ANALYSIS: ng/g (ppb)**Haloanisoles**

Identification	TCA	TeCA	PCA	TBA
SOL 002279 Rubio Monocoat Oil Plus 2C	Nd	Nd	Nd	Nd

B: RESULTS OF THE ORGANOHALOGEN ANALYSIS: ng/g (ppb)**Halophenols & Lindane**

Identification	TCP	TeCP	PCP	TBP	Lindane
SOL 002279 Rubio Monocoat Oil Plus 2C	Nd	Nd	Nd	<1	Nd

TCA = 2,4,6 trichloroanisole

TeCA = 2,3,4,6 tetrachloroanisole

PCA = pentachloroanisole

TBA = 2,4,6 tribromooanisole

TCP = 2,4,6 trichlorophenol

TeCP = 2,3,4,6 tetrachlorophenol

PCP = pentachlorophenol

TBP = 2,4,6 tribromophenol

Nd : non detecte. All the concentrations are expressed in ng/g. The analysis detection threshold is 0.3 ng/g.

2. INTERPRETATION OF THE RESULTS:

The sample(s) were tested for releasable concentrations of organohalogens that can contribute to "cork-taint" and related off-flavours in wineries and wine.

The atmospheric analysis released by these products revealed NO or very low levels of organohalogens (ANISOLES & PHENOLS). In cases where the levels are very low, it is compared with sensory thresholds. These include the organochlorides and organobromine compounds as shown above.

All the samples are safe for use in a winery.

3. CONCLUSION AND RECOMMENDATIONS:

Sample: SOL 002279 had a presence below sensory value of the compound TBA <1 and are **no risk at this level**.

Please be sure to apply the products in a well-ventilated atmosphere and that no open vessels or tanks containing wine is in the vicinity during application and drying.

Please note that if the specifications of the products change in any way, this report is no longer valid and is it necessary that the products be tested again.

Organohalogen compounds

It is recommended that water is tested for organohalogens, as municipal or industrial water sources can contain high levels of organohalogens and can be a reason some paint samples fail the testing.

Please do not hesitate to contact me should you require further information.

Kind regards,
Jacqueline Van Wyk