



MASILVA USA
THE PERFECT FIT FOR YOUR WINE



OnebyOne®

For Ultra-premium wine packaging, M. A. Silva's proprietary OnebyOne® technology inspects each natural cork individually to detect traces of TCA*.

INDIVIDUAL CORK TESTING FOR ULTRA-PREMIUM QUALITY WINES

The powerful technology behind OnebyOne® was developed in collaboration with top European universities over a period of three years of R&D. The result is a fully automated process, utilizing the principles of gas phase spectroscopy.

GAS PHASE SPECTROSCOPY

Gas phase spectroscopy is a technique used for the detection of trace quantities of gaseous organic compounds at atmospheric pressure. It has extensive use in many diverse areas from pharmaceuticals to monitoring the atmosphere inside the International Space Station. The strength of this technique is the speed at which different molecules are separated. This characteristic, combined with its compact design and high sensitivity, makes gas phase spectroscopy a natural choice to detect TCA in natural cork closures.

KEY FEATURES

- Fully automated process to detect TCA*
- Non-destructive analysis
- Individual cork testing
- Objective technical analysis
- Bottle Buy Back Guarantee

M. A. Silva's process is extremely reliable. However, should you believe that one of our OnebyOne® inspected corks did not reach the implied quality level, upon confirming the presence of TCA through analysis**, we will reimburse you for the full retail price of the wine.

* Releasable TCA content at or below the 0.5 ng/L detection limit; analysis performed in accordance to ISO 20752.

** Cork-derived TCA in the wine is ≥ 1.0 ng/L



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