

LEADERS IN QUALITY CONTROL

- Traceability from forest to bottle;
- Purchasing high quality raw material directly in the forest;
- Sampling and analyzing the raw material directly in the forest;
- The most advanced boiling equipment in the industry;
- 100% of the Production of natural corks undergo the TCA Extraction Circuit for releasable TCA (2,4,6-trichloroanisole) and other off-aromas;
- The largest number of laboratory analysis performed per cork sold;
- More than 5 million corks are consumed per year for quality control purposes;
- Internal laboratory equipped with chromatographers running 24h / 7 days per week;
- Minimum guaranteed: 3 control points throughout production for natural corks;
- More than 250 000 chromatography analysis are performed annually;
- 18% of employees are dedicated to Quality Control and R&D.



R&D FIRSTS IN THE INDUSTRY

At **Cork Supply** we are committed to supplying corks of the highest quality, which has made us the wine industries most relied upon partner. For more than three decades **Cork Supply** has been leader in the fields of Investigation, Development and Innovation.

- 1984** Introduction of cork-by-cork sensory analysis;
- 1995** Sensory analysis in production control;
- 2000** Use of gas chromatography with SPME (Solid Phase Micro Extraction) for detection of releasable TCA during all phases of production;
- 2007** Introduction of the proprietary Innocork® TCA removal (volatile extraction) technology;
- 2011** First-ever guaranteed taint-free natural corks under the DS100 system;

First company to offer individually guaranteed TCA taint-free natural corks with a Bottle Buy Back guarantee;
- 2020** First TCA extraction technology introduced into production line that offers TCA taint-free natural corks.

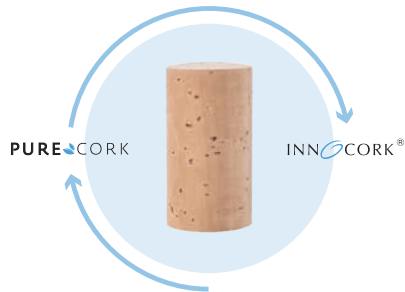
THE INNOCORK® CIRCUIT



INNOVATION PERFECTING NATURE



NEW!



THE INNOCORK® CIRCUIT

NEW TCA EXTRACTION TECHNOLOGY

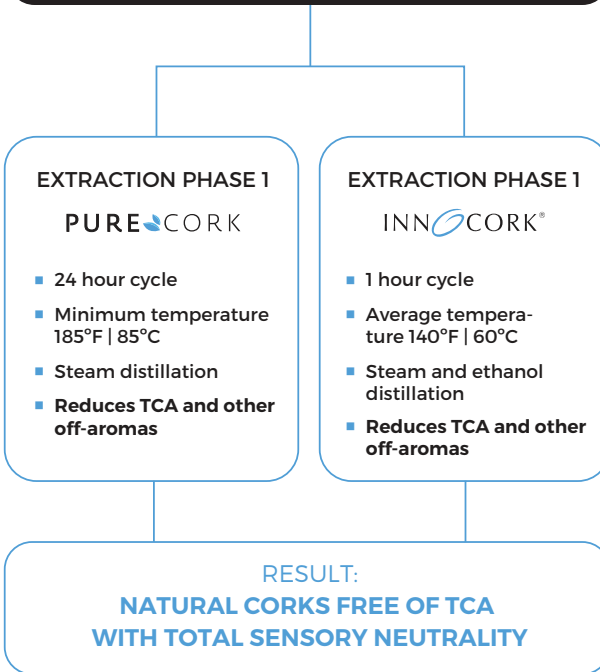
NATURAL CORKS FREE OF TCA*

Redefining quality once again and taking our natural corks to the next level we have introduced **PureCork**, a second TCA and off-aroma extraction technology for natural corks. **The InnoCork Circuit** is thus composed of two technologies – **PureCork** and **InnoCork (introduced in 2007)** – that are a part of the production process and allow us to ensure that all of our natural corks are free of TCA and other off-aromas at no additional cost to our customers. Each technology is located at a different critical control point within production to ensure maximum efficiency, control and results.

* Corks have shown to be 99,85% free of TCA and off-aromas.



THE INNOCORK® CIRCUIT
 INNOVATION
 PERFECTING NATURE



EXTRACTION PHASE 1
PURECORK

- 24 hour cycle
- Minimum temperature 185°F | 85°C
- Steam distillation
- Reduces TCA and other off-aromas

EXTRACTION PHASE 1
INNOCORK®

- 1 hour cycle
- Average temperature 140°F | 60°C
- Steam and ethanol distillation
- Reduces TCA and other off-aromas

RESULT:
NATURAL CORKS FREE OF TCA
WITH TOTAL SENSORY NEUTRALITY



QUALITY MANAGEMENT: FROM FOREST TO BOTTLE

At **Cork Supply** Quality Management begins in the forest which ensures maximum quality in our raw materials and corks.

A team of specialists at **Cork Supply** work in collaboration with the forest owners to ensure that best practices in forest management are used. Together we work to protect and enhance the quality of the raw materials.

The quality of the corkwood is analyzed prior to its extraction. This strategic data that is collected allows us to map cork appellations and forest productivity over time.

All corkwood that is extracted, and all corks that are produced, are submitted to continual and rigorous quality control checks throughout different stages of production.

EDITION | JULY 2021

