

FLOWPURE

selective vegetal fiber

Reduction in levels of pesticide residues
and Ochratoxin A in wines.

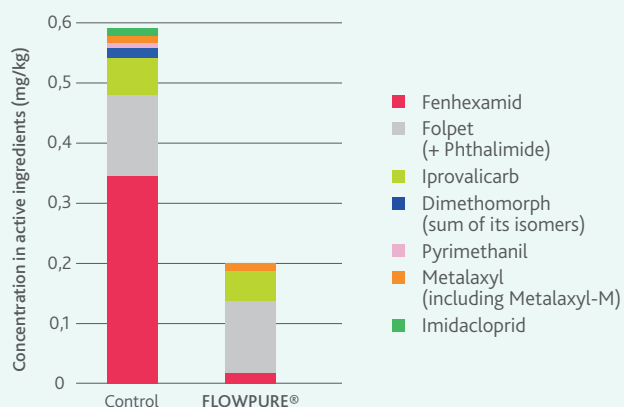
FLOWPURE®

WHAT IS FLOWPURE®?

- FLOWPURE® is the only solution on the market specifically dedicated to the elimination of pesticide residues in wine, validated by the OIV.
- FLOWPURE® is fully in line with the LAFFORT® vision for the development of precision oenological solutions from nature.
- A micronised and gluten-free plant fibre from organic farming, produced according to an environmentally friendly process.
- FLOWPURE® is made up of the biochemical constituents of the plant cell wall: hemicellulose, cellulose, lignin, proteins and lipids.

RESULTS	CONTROL	FLOWPURE®
Residues detected	7	4
Totally eliminated	-	3
Partially eliminated	-	2
Not eliminated	-	2
Quantifiable residues (mg/kg)	0.596	0.199
Elimination of quantifiable residues (%)	-	67

Example of a wine treated with FLOWPURE® (200 g/hL - 2000 ppm) illustrating the product's ability to reduce the number and concentration of pesticides.



Quantification limit 0.01 mg/kg

Detection limit 0.005 mg/kg

FOCUS

The FLOWPURE® fibre is activated by a succession of mechanical treatments in water, then micronised, giving it specific adsorption properties to reduce the concentration of:

- Pesticide residues that may be present in wines.
- Ochratoxin A.

FLOWPURE® IN PRACTICE.

Easy to use, FLOWPURE® is employed during wine filtration.

Effective in reducing the concentration of many fungicides.

CATEGORIES	ACTIVE INGREDIENTS	DISEASES TREATED
Highly favourable elimination 50% < elimination < 100%	Boscalid	Botrytis / Oidium
	Dimethomorph	Mildew
	Ametoctradin	Mildew
	Mandipropamid	Mildew
	Fenhexamid	Botrytis
	Iprodione	Botrytis
	Pyrimethanil	Botrytis
	Tebuconazole	Oidium
	Cyprodinil	Botrytis
	Imidaclopride	Insecticide
	Fenpropidin	Oidium
	Glyphosate + AMPA	Herbicide
	Azoxystrobin	Mildew
	Benalaxyl	Mildew
	Fludioxonil	Botrytis
Favourable elimination 25% < elimination < 50%	Fluopicolide	Mildew
	Metrafenone	Oidium
	Myclobutanil	Oidium
	Spiroxamine	Oidium
	Tebuconazole	Insecticide
	Carbendazim (+ Bénomyl)	Botrytis

Table summarising the effectiveness of FLOWPURE® for the elimination of active ingredients in crop protection products used for spraying vines. Compilation of more than 150 tests carried out on wines containing pesticide residues, from different world vineyards, treated with FLOWPURE® during filtration at a dose of 2 g/L (2000 ppm).

* to be confirmed.



Important matrix effect. Not effective on copper and iron.

LAFFORT
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