SO2 - ASCORBIC ACID DOSAGES

IN MUST OR WINE

♦ **PRODUCTS**

Iodine N/64
Starch
H_2SO_4 to 1/3
Potash N
Ethanol 5% (7 mL pure ethanol in 1 L water)
Keep refrigerated.

♦ **FIRST DOSAGE : Free SO_2 + Ascorbic acid**

In a 150 mL erlenmeyer :
50 mL of must or wine
2 mL H_2SO_4 to 1/3
2 mL Starch
Measure with iodine N/64 until there are blue-purple colours ⇨ n (mL) of Iodine N/64 dropped.

♦ **SECOND DOSAGE : Ascorbic acid**

In a 150 mL erlenmeyer :
- 50 mL of must or wine
- 7 mL Ethanol

Cover with parfilm and wait for 30 min.

After, add :
- 2 mL H_2SO_4 to 1/3
- 2 mL Starch

Measure with iodine N/64 until there are blue-purple colours ⇨ n' (mL) of Iodine N/64 dropped.

♦ **THIRD DOSAGE : Total SO_2 + Ascorbic acid**

In a 150 mL erlenmeyer :
- 50 mL of must or wine
- 15 mL Potash N

Wait for 10 min.

After, add :
- 5 mL H_2SO_4 to 1/3
- 2 mL Starch

Measure with iodine N/64 until there are blue-purple colours
n'' (mL) of Iodine N/64 dropped.

♦ **RESULTS**

- **Free SO_2** : 10 x (**n** - **n'**) in mg/L
- **Total SO_2** : 10 x (**n''** - **n'**) in mg/L
- **Ascorbic acid** : 27.5 x **n'** in mg/L

The information featured above is that of our present knowledge.
It has been given without commitment or guarantee, insofar as the conditions of use are out with our control.
This information does not disclaim responsibility of the user, with regards to respect for the law and safety regulations in effect.
This document is the property of SOFRALAB and may not be modified without its agreement.

STATION ŒNOTECHNIQUE de CHAMPAGNE
79, av. A.A. Thévenet - B.P. 1031 Magenta - 51319 EPERNAY cedex FRANCE
Tél. 03.26.51.56.45 Fax 03.26.51.87.60 www.œnotechnic.com

AFAQ ISO 9001 VERSION 2000 Produits oenologiques

SOEC FP 01