Commission Regulation (EEC) No 000/90 of 17 September 1990 determining Community methods for the analysis of wines (repealed)

ANNEX

4.4. . . . .
5. PROCEDURE
5.1. Preparation of sample:
5.1.1. Wines
5.1.2. Rectified concentrated musts
5.2. Potentiometric titration
5.2.1. Calibration of pH meter
5.2.2. Method of measurement
5.3. Titration with indicator (bromothymol blue)
5.3.1. Preliminary test: end-point colour determination.
5.3.2. Measurement
6. EXPRESSION OF RESULTS
6.1. Method of calculation
6.1.1. Wines
6.1.2. Rectified concentrated musts
6.2. Repeatability (r) for titration with the indicator:
6.3. Reproducibility (R) for titration with the indicator (5.3):

14. VOLATILE ACIDITY
1. DEFINITION
2. PRINCIPLE OF THE METHOD
3. REAGENTS
3.1. . . . .
3.2. . . . .
3.3. . . . .
3.4. . . . .
3.5. . . . .
3.6. . . . .
3.7. . . . .
3.8. . . . .
4. APPARATUS
4.1. . . . .
4.2. . . . .
4.3. . . . .
5. PROCEDURE
5.1. . . . .
5.2. Steam distillation
5.3. Titration
6. EXPRESSION OF RESULTS
6.1. Method of calculation
6.2. Repeatability (r)
6.3. Reproducibility (R)
6.4. Wine with sorbic acid present
7. DETERMINATION OF SALICYLIC ACID ENTRAINED IN THE DISTILLATE FROM THE...
7.1. Principle
7.2. Reagents
7.2.1. . . . .
7.2.2. . . . .
7.2.3. . . . .
7.2.4. . . . .
7.3. Procedure
7.3.1. Identification of salicylic acid in the volatile acidity distillate.

2.2.1. . . . .
2.2.2. . . . .
2.3. Procedure
2.3.1. Preparation of sample
2.3.2. Calibration
2.3.3. Determination
2.4. Expression of results
2.4.1. Method of calculation
2.4.2. Repeatability (r)
2.4.3. Reproducibility (R)
2.4.4. Other ways of expressing results
3. USUAL METHOD: FLAME PHOTOMETRY
3.1. Reagents
3.1.1. Reference solution containing 100 mg potassium per litre
3.1.2. Dilution solution
3.2. Apparatus
3.2.1. . . . .
3.3. Procedure
3.3.1. Calibration
3.3.2. Determination
3.4. Expression of results
3.4.1. Method of calculation
3.4.2. Repeatability (r)
3.4.3. Reproducibility (R)
3.4.4. Other ways of expressing results:

28. MAGNESIUM
1. PRINCIPLE OF THE METHOD
2. REAGENTS
2.1. Concentrated standard solution containing 1 g magnesium per litre
2.2. Dilute standard solution containing 5 mg magnesium per litre.
3. APPARATUS
3.1. . . . .
3.2. . . . .
4. PROCEDURE
4.1. Preparation of sample
4.2. Calibration
4.3. Determination
5. EXPRESSION OF RESULTS
5.1. Method of calculation
5.2. Repeatability (r)
5.3. Reproducibility (R)

29. CALCIUM
1. PRINCIPLE OF THE METHOD
2. REAGENTS
2.1. Standard solution containing 1 g calcium per litre
2.2. Dilute standard solution containing 50 mg calcium per litre
2.3. Lanthanum chloride solution containing 50 g lanthanum per litre
3. APPARATUS
3.1. . . . .
3.2. . . . .
4. PROCEDURE

42. SPECIAL METHODS OF ANALYSIS FOR RECTIFIED CONCENTRATED GRAPE MUST
    - (a) TOTAL CATIONS
        - 1. PRINCIPLE OF THE METHOD
        - 2. APPARATUS
            - 2.1. . . . .
            - 2.2. . . . .
            - 2.3. . . . .
        - 3. REAGENTS
            - 3.1. . . . .
            - 3.2. . . . .
            - 3.3. . . . .
        - 4. PROCEDURE
            - 4.1. Preparation of sample
            - 4.2. Preparation of the ion exchange column
            - 4.3. Ion exchange
        - 5. EXPRESSION OF RESULTS
            - 5.1. . . . .
    - (b) CONDUCTIVITY
        - 1. PRINCIPLE OF THE METHOD
        - 2. APPARATUS
            - 2.1. . . . .
            - 2.2. . . . .
        - 3. REAGENTS
            - 3.1. . . . .
            - 3.2. . . . .
        - 4. PROCEDURE
            - 4.1. Preparation of the sample to be analysed
            - 4.2. Determination of conductivity
        - 5. EXPRESSION OF RESULTS
            - 5.1. Calculations
    - (c) HYDROXYMETHYLFURFURAL (HMF)
        - 1. PRINCIPLE OF THE METHODS
            - 1.1. Colorimetric method
            - 1.2. High-performance liquid chromatography (HPLC)
        - 2. COLORIMETRIC METHOD
            - 2.1. Apparatus
                - 2.1.1. . . . .
                - 2.1.2. . . . .
            - 2.2. Reagents
                - 2.2.1. Barbituric acid, 0,5 % solution (m/v).
                - 2.2.2. Paratoluidine solution, 10 % (m/v).
                - 2.2.3. Ethanal (acetaldehyde), CH3CHO, 1 % (m/v) aqueous solution.
                - 2.2.4. Hydroxymethylfurfural, C6O3H6, 1 g/l aqueous solution.
            - 2.3. Procedure
                - 2.3.1. Preparation of sample
                - 2.3.2. Colorimetric determination
                - 2.3.3. Preparation of the calibration curve
            - 2.4. Expression of results
                - 2.4.1. Method of calculation
        - 3. HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY

Changes to legislation:
There are currently no known outstanding effects for the Commission Regulation (EEC) No 000/90 (repealed).