



Vin and Wine  
department

# TITRIVIN IR7

REFERENCE MATERIAL FOR OENOLOGY LABORATORY

## CERTIFICATE OF ANALYSIS

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### Material

Blend of wines and musts from different sources.

### Preparation

In accordance with the techniques and processes used in oenology.

### Packaging

By Pharmaceutical Products Factory.  
Glass ampoules - nominal capacity 10 ml.

### Uniformity

Control test performed on 1°/00 of ampoules sampled during packaging.

### Stability

Product stabilised with SO<sub>2</sub> and physical treatment processes used in oenolog.

### Storage

Away from light between 5°C and 25°C.

### Reference values

Values were determined from the results of a series of tests involving about 40 oenology laboratories, accredited by COFRAC (French Accreditation Committee). Values were calculated in accordance with the provisions of NF ISO 5725 standard.

### Confidence interval

This corresponds to the uncertainty of the reference value with  $k = 2$  for a confidence level above or equal to 95%.

### Acceptance interval

For one analysis, this corresponds to the maximale value that a laboratory can accept for the reference value.

### Use

- ✓ To calibrate equipment
- ✓ To carry out quality control
- ✓ To assess uncertainties

*Expendable ampoules to be used  
immediately after opening*

### Batch R 03041209 7

Parameters	REFERENCE VALUE	CONFIDENCE INTERVAL ( $k=2$ )		ACCEPTANCE INTERVAL ( $k=2$ )	
		Inferior limit	Superior limit	Inferior limit	Superior limit
Alcoholic strength by vol.(%)	<b>8,85</b>	8,82	8,88	8,76	8,94
Reducing sugars(g/L)	<b>48,4</b>	47,2	49,6	44,5	52,3

These reference values were confirmed by the TITRIVIN 2010 inter-laboratory tests  
validity prolonged **up to**

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