

## **YAN CALIBRATION STANDARDS**

### **FOR THE DETERMINATION OF PRIMARY AMINO ACID NITROGEN & AMMONIA IN GRAPE JUICE AND WINE**

#### PRODUCT

Product no. 4C200

#### PRINCIPLE OF MEASUREMENT

This kit contains 8 standards for the calibration of automated discrete analysers.

Used together these standards are suitable for the calibration of Vintessential test kits 4B110 and 4B120 on automated discrete analysers. The standards are prepared in a 10% ethanol solution to match the wine matrix and are suitable for use as quality control standards in all spectrophotometric instruments.

#### CONTENTS

The kit includes the following reagents:

Reagent	Calibrator Concentrations		Quantity	Stability
	Ammonia	Amino Acid Nitrogen		
Standard 1	0 mg/L		20mL	12 months at 4°C
Standard 2	35 mg/L		20mL	12 months at 4°C
Standard 3	70 mg/L		20mL	12 months at 4°C
Standard 4	100 mg/L		20mL	12 months at 4°C
Standard 1		0 mg/L	20mL	12 months at 4°C
Standard 2		100 mg/L	20mL	12 months at 4°C
Standard 3		200 mg/L	20mL	12 months at 4°C
Standard 4		300 mg/L	20mL	12 months at 4°C

#### STORAGE

- Store in refrigerator
- Do not freeze
- Keep containers tightly closed

#### SAFETY

- Wear safety glasses
- Wear protective gloves
- Flammable liquid and vapour
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
- Refer to the Safety Data Sheets