

## E2041122P6 Cholesterol Oxidase



### PRODUCT APPLICATION

Cholesterol oxidase has been successfully used in conjunction with Cholesterol esterase for the determination of cholesterol in serum for clinical analysis.

### PRODUCT BENEFITS

The cholesterol oxidase unstabilised is a more economical viable product in our range.

### STABILITY DATA

Stable for 1 year when stored desiccated at  $-20^{\circ}\text{C}$ .

### STABILISER INFORMATION

This enzyme can be stabilised using Q2090625D26 stabiliser solution from Applied Enzyme Technology Ltd. The solution is delivered in double strength to be added to the unstabilised enzyme in buffer.

For more information on our range of stabiliser solutions please contact our sales representative.

### PHYSICAL PROPERTIES

Cholesterol Oxidase	E.C. 1.1.3.6
Source	<i>Escherichia coli</i> .
Appearance	Dry orange powder
Form supplied	Dry Unstabilised powder
Activity	> 5.0 units per mg material
Quality Control	Activity determined by spectrophotometric assay
Storage	Storage at $-20^{\circ}\text{C}$

<b>Unit Definition</b>	One unit is defined as the amount of enzyme which produces one micromole of hydrogen peroxide at $37^{\circ}\text{C}$ .
------------------------	---

### SAFETY AND HANDLING

Read the Material Safety Data Sheets (MSDS) and product labels before using the products.

Issued by Gwent Group May 2010