



BBI Solutions OEM Limited  
BBI Solutions, Unit 2, Parkway, Pen-y-fan Industrial  
Estate, Crumlin, NP11 3EF, United Kingdom

info@bbisolutions.com | bbisolutions.com  
+44 (0) 1495 363000

Company Number: 08368483  
Registered Office Address: C/O Berry Smith LLP  
Haywood House, Dumfries Place, Cardiff, CF10 3GA

Registered in Wales  
VAT: GB 762455421

## Product Specification

### Cholesterol Oxidase

|                     |                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code:       | CO6                                                                                                                                                                                                                                   |
| E.C. Number:        | 1.1.3.6                                                                                                                                                                                                                               |
| CAS Number:         | 9028-76-6                                                                                                                                                                                                                             |
| EINECS Number:      | 232-842-1                                                                                                                                                                                                                             |
| Systematic Name:    | Cholesterol:oxygen oxidoreductase                                                                                                                                                                                                     |
| Source:             | Microorganism                                                                                                                                                                                                                         |
| Form:               | A freeze-dried material, trehalose as stabilizer.                                                                                                                                                                                     |
| Storage Conditions: | Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below. |
| Unit Definition:    | That amount of enzyme causing the formation of one micromole of hydrogen peroxide (half a micromole of quinoneimine dye) per minute at pH 7.0 and 37°C.                                                                               |
| Solubility          | Dissolves readily at 5mg/mL in 0.1M Potassium Phosphate, pH 7.0 to give a clear solution                                                                                                                                              |
| Activity:           | Not less than 10 U/mg material.                                                                                                                                                                                                       |