

ISO 5815-1:2003-04 (E)

Water quality - Determination of biochemical oxygen demand after n days (BOD<(Index)n>) - Part 1 : Dilution and seeding method with allythiourea addition

| Contents | | Page |
|--|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 2 |
| 4 | Principle | 2 |
| 5 | Reagents | 2 |
| 6 | Apparatus | 4 |
| 7 | Storage of the sample | 4 |
| 8 | Procedure | 5 |
| 8.1 | Pretreatment | 5 |
| 8.2 | Preparation of test solutions | 6 |
| 8.3 | Blank test | 7 |
| 8.4 | Procedure | 7 |
| 8.5 | Control analysis | 7 |
| 9 | Calculation and expression of results | 8 |
| 9.1 | Examination for valid oxygen consumption during test | 8 |
| 9.2 | Calculation of biochemical oxygen demand after n days (BOD _n) | 8 |
| 10 | Special cases | 8 |
| 11 | Test report | 9 |
| Annex A (informative) Alternative incubation methods | | 10 |
| Annex B (informative) Multitesting | | 12 |
| Annex C (informative) Trueness and precision | | 13 |
| Bibliography | | 15 |