

ISO 16496:2016-02 (E)

Laboratory glassware - Vacuum-jacketed vessels for heat insulation

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Dimensions | 2 |
| 4.1 | Dewar flasks | 2 |
| 4.2 | Reaction vessels | 6 |
| 4.3 | Columns | 6 |
| 5 | Materials | 8 |
| 6 | Construction | 9 |
| 7 | Safety requirements and testing | 9 |
| 7.1 | General | 9 |
| 7.2 | Dewar flasks | 9 |
| 7.3 | Reaction vessels | 10 |
| 7.4 | Columns | 10 |
| 8 | Use of vacuum vessels | 10 |
| 8.1 | Safety instructions | 10 |
| 8.2 | Functional requirements | 10 |
| 9 | User information | 11 |
| 10 | Marking | 11 |
| 10.1 | Dewar flasks | 11 |
| 10.2 | Reaction vessels and columns | 11 |
| Annex A (normative) Testing glass for residual strain (bifilar method) | | 13 |
| Bibliography | | 14 |