

DIN EN 1018:2013-08 (E)

Chemicals used for treatment of water intended for human consumption - Calcium carbonate

| Contents | | Page |
|--|---|-------------|
| Foreword | | 3 |
| Introduction | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 5 |
| 4 | Description | 5 |
| 4.1 | Identification | 5 |
| 4.2 | Commercial form | 6 |
| 4.3 | Physical properties | 6 |
| 4.4 | Chemical properties | 7 |
| 5 | Purity criteria | 7 |
| 5.1 | General | 7 |
| 5.2 | Composition of commercial product | 7 |
| 5.3 | Impurities and main by-products | 8 |
| 5.4 | Toxic substances | 8 |
| 6 | Test methods | 9 |
| 6.1 | Sampling | 9 |
| 6.2 | Analyses | 9 |
| 7 | Labelling - Transportation - Storage | 9 |
| 7.1 | Means of delivery | 9 |
| 7.2 | Labelling according to the EU legislation | 9 |
| 7.3 | Transportation regulations and labelling | 9 |
| 7.4 | Marking | 9 |
| 7.5 | Storage | 9 |
| Annex A (informative) General information on calcium carbonate | | 10 |
| A.1 | Origin | 10 |
| A.2 | Use | 10 |
| A.3 | Rules for safe handling and use | 11 |
| A.4 | Emergency procedures | 11 |
| Annex B (normative) Sample preparation and testing of specific surface of calcium carbonate | | 12 |
| B.1 | Sample preparation | 12 |
| B.2 | Testing | 12 |
| B.3 | Criteria for non-porous and porous calcium carbonates | 12 |
| Bibliography | | 13 |