

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