DIN EN 15482:2013-01 (E)

Chemicals used for treatment of water intended for human consumption - Sodium permanganate

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Description 5
3.1 Identification 5
3.2 Commercial forms 6
3.3 Physical properties 6
3.4 Chemical properties 7

4 Purity criteria 8
4.1 General 8
4.2 Composition of commercial product 8
4.3 Impurities and main by-products 8
4.4 Chemical parameters 8

5 Test methods 9
5.1 Sampling 9
5.2 Analysis 10

6 Labelling - Transportation - Storage 13
6.1 Means of delivery 13
6.2 Labelling according to the EU legislation 14
6.3 Transportation regulations and labelling 14
6.4 Marking 14
6.5 Storage 14

Annex A (informative) General information on sodium permanganate 16

A.1 Origin 16
A.1.1 Raw materials 16
A.1.2 Manufacturing process 16
A.2 Use 16
A.2.1 Function 16
A.2.2 Form in which the product is used 16
A.2.3 Treatment dose 16
A.2.4 Means of application 16
A.2.5 Secondary effects 17
A.2.6 Removal of excess product 17

Annex B (normative) General rules relating to safety 18

B.1 Rules for safe handling and use 18
B.2 Emergency procedures 18
B.2.1 First aid 18
B.2.2 Spillage 18
B.2.3 Fire 18

Bibliography 19