DIN EN 15040:2014-06 (E)

Chemicals used for treatment of water intended for human consumption - Antiscalants for membranes - Phosphonic acids and salts

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Description 6
3.1 Identification 6
3.2 Commercial forms 8
3.3 Physical properties 8
3.4 Chemical properties 9

4 Purity criteria 9
4.1 General 9
4.2 Composition of commercial product 10
4.3 Impurities and main by-products 10
4.4 Chemical parameters 10

5 Test methods 10
5.1 Sampling 10
5.2 Analyses 12

6 Labelling - Transportation - Storage 15
6.1 Means of delivery 15
6.2 Risk and safety labelling according to the EU legislation 16
6.3 Transportation regulations and labelling 16
6.4 Marking 16
6.5 Storage 17

Annex A (informative) General information on phosphonic acids and salts 18

Annex B (normative) General rules relating to safety 20

Annex C (informative) Environmental, health and safety precautions within chemical laboratory 21

Bibliography 22