DIN EN 14701-1:2006-06 (E)

Characterisation of sludges - Filtration properties - Part 1: Capillary suction time (CST)

Contents

Page

Foreword 3

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Principle 5

5 Apparatus 6
5.1 Standard apparatus 6
5.2 Filter paper 6
5.3 Beakers 6

6 Procedure 6

7 Expression of results 6

8 Precision 7

9 Test report 7

Annex A (informative) Simple automatic instrument for determining the filterability of sewage sludge 8

Annex B (informative) Relation between CST and the specific resistance to filtration 9

Annex C (informative) Relation between CST and solids content 10

Annex D (informative) Table of dynamic viscosity 11

Annex E (informative) Results of validation trials 12

Bibliography 15