DIN EN ISO 7027-1:2016-11 (E)

Water quality - Determination of turbidity - Part 1: Quantitative methods (ISO 7027-1:2016)

Contents

Page

European foreword 3

Foreword 4

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Sampling and samples 7

5 Quantitative methods of turbidity measurement using optical nephelometers and turbidimeters 7
5.1 General principles 7
5.2 Reagents 8
5.3 Measurement of diffuse radiation (nephelometry) 10
5.4 Measurement of attenuated radiation (turbidimetry) 10

Annex A (informative) Results of an interlaboratory collaborative trial to evaluate the suitability of a synthetic polymer for use as a secondary standard to formazin in turbidity measurements 12

A.1 General 12
A.2 Verification procedure for a proven secondary standard 13

Bibliography 14