ISO/TS 11899-1:2023-11 (E)

Fine bubble technology - Transportation and dispensing systems for agro- and aqua-cultural applications - Part 1: Ultrafine bubble concentration loss in ultrafine bubble water passing through long-distance plastic pipes

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Testing method and data analysis 2
4.1 Basic testing method 2
4.2 Equipment and environment 3
4.2.1 Reservoir 3
4.2.2 Ultrafine bubble water 3
4.2.3 Pumping 4
4.2.4 Long winding pipe 4
4.2.5 Flow meter 4
4.2.6 Measuring instrument of number concentration index of ultrafine bubble 4
4.2.7 Sampling pipette and glass bottle 4
4.2.8 Thermometer 4
4.2.9 Stop watch 4
4.3 Test procedure 4
4.4 Data analysis 5

5 Test report 6

Annex A (informative) Example of test and data analysis 7

Bibliography 13