

DIN EN 12873-4:2022-01 (E)

Influence of materials on water intended for human consumption - Influence due to migration - Part 4: Test method for water treatment membranes

Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Test method	7
4.1 Principle	7
4.2 Reagents and apparatus	7
4.2.1 General	7
4.2.2 Test water	8
4.2.3 Flushing water	8
4.2.4 Cleaning and/or disinfection agent	8
4.2.5 Test rig	8
4.3 Test samples	9
4.3.1 General requirements	9
4.3.2 Sample storage	9
4.4 Procedure	9
4.4.1 General	9
4.4.2 Test temperature	9
4.4.3 Procedural blanks (R0 and T0)	9
4.4.4 Start-up procedure	10
4.4.5 Migration test	10
4.4.6 Cleaning and disinfection	12
5 Analysis	13
6 Expression of results	13
6.1 Concentrations in the analytical samples	13
6.2 Daily migration rates	13
6.2.1 Calculation based on concentrations in analytical samples from one-pass sampling, T1, T2, T3 and DT1	13
6.2.2 Calculation based on concentrations in migration waters after re-circulation, R1, R2 and DR1 .	13
7 Test report	14
Annex A (informative) Diagram of the test procedure	15
Annex B (informative) Schematic diagram of an example test rig	16
Bibliography	17