

DIN ISO 4802-1:2012-12 (E)

Glassware - Hydrolytic resistance of the interior surfaces of glass containers - Part 1: Determination by titration method and classification (ISO 4802-1:2010)

Contents		Page
National foreword		3
National Annex NA (informative) Bibliography		5
Introduction		6
1	Scope	7
2	Normative references	7
3	Terms and definitions	8
4	Principle	10
5	Reagents	10
6	Apparatus	10
7	Sample preparation	11
7.1	Sample size	11
7.2	Determination of the filling volume	12
8	Procedure	13
8.1	General	13
8.2	Cleaning of samples	13
8.3	Filling and heating	14
8.4	Analysis of the extraction solutions	14
8.5	Testing to determine whether the containers have been surface treated	15
9	Expression of results	15
9.1	Calculation	15
9.2	Classification	15
9.3	Distinction between containers of hydrolytic resistance container class HCT 1 and hydrolytic resistance container class HCT 2	15
9.4	Designation	16
10	Test report	16
11	Reproducibility	17
Bibliography		18