

ISO 19396-2:2025-06 (E)

Paints and varnishes - Determination of pH value - Part 2: pH sensors with ISFET technology

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Principle		4
5 Apparatus and materials		4
5.1 pH measuring apparatus		4
5.2 pH meter		4
5.3 ISFET sensor		5
5.4 Buffer solutions		6
6 Sampling		6
7 Procedure		7
7.1 Test conditions		7
7.2 Calibration		7
7.3 Number of determinations		7
7.4 Measuring the pH value		7
8 Evaluation		7
9 Precision		8
9.1 General		8
9.2 Repeatability limit, <i>r</i>		8
9.3 Reproducibility limit, <i>R</i>		8
10 Test report		8
Annex A (informative) Determination of precision		9
Bibliography		11