

ISO/TS 23973:2020 (E)

Liquid chromatography at critical conditions (LCCC) — Chemical heterogeneity of polyethylene oxides

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Apparatus
5.1	General
5.2	Eluent supply
5.3	Pump
5.4	Injection system
5.5	Separation columns
5.6	Column temperature control
5.7	Detectors
5.8	Eluent
5.9	Data acquisition
6	Sample preparation
7	Performance of the measurements
7.1	Determination of the critical conditions
7.2	Analysis of the validation kit
8	Test report
	Annex A (informative) Error sources
	Annex B (informative) Evaluation of the interlaboratory testing
B.1	Participants in the interlaboratory testing
B.2	System parameters for performance of the interlaboratory testing that were made available to the participants
B.3	Evaluation of the interlaboratory testing
	Annex C (informative) Elugrams of the participants (excerpts)
	Annex D (informative) Investigations of the long-term stability of the test mixture
D.1	Storage
D.2	Procedure and results
D.3	Recommendations for shelf life and storage