

ISO 4907-4:2025-03 (E)

Plastics - Ion exchange resin - Part 4: Determination of particle size by laser diffraction method

Contents		Page
	Foreword	iv
1	Scope	1
2	Normative references	1
3	Terms, definitions and symbols	1
	3.1 Terms and definitions.....	1
	3.2 Symbols.....	2
4	Principle	2
5	Reagents	2
6	Apparatus	2
7	Pretreatment	2
8	Procedure	3
	8.1 Instrument preparation.....	3
	8.2 Testing parameter setting.....	3
	8.3 Testing the sample.....	3
9	Calculation	4
	9.1 Percent below specified lower size.....	4
	9.2 Percent above specified upper size.....	4
	9.3 Percent between specified range size.....	4
	9.4 Effective size.....	4
	9.5 Median size.....	5
	9.6 Uniformity coefficient.....	5
	9.7 Area-weighted mean size.....	5
	9.8 Volume-weighted mean size.....	5
10	Repeatability	5
	10.1 Repeatability of effective size.....	5
	10.2 Repeatability of median size.....	5
	10.3 Repeatability of uniformity coefficient.....	5
	10.4 Repeatability of area-weighted mean size.....	6
	10.5 Repeatability of volume-weighted mean size.....	6
11	Test report	6