

# ISO 3085:2019 (E)

## Iron ores — Experimental methods for checking the precision of sampling, sample preparation and measurement

---

### Contents

	Foreword	
	Introduction	
1	Scope	
2	Normative references	
3	Terms and definitions	
4	Principle	
5	General conditions	
5.1	Sampling	
5.1.1	General	
5.1.2	Number of lots	
5.1.3	Number of increments and number of gross samples	
5.2	Sample preparation and measurement	
5.3	Replication of experiment	
5.4	Record of the experiment	
6	Method of experiment	
6.1	Sampling	
6.1.1	Systematic sampling	
6.1.2	Stratified sampling	
6.2	Sample preparation and measurement	
6.2.1	General	
6.2.2	Method 1	
6.2.3	Method 2	
6.2.4	Method 3	
7	Analysis of experimental data	
7.1	General	
7.2	Method 1	
7.3	Method 2	
7.4	Method 3	
8	Interpretation of results and action	
8.1	Interpretation of results	
8.2	Actions	
8.2.1	Checking for changes in quality variation	
8.2.2	Increasing number of increments	
8.2.3	Increasing mass of increments	
8.2.4	Checking the sample preparation and measurement procedures	
9	Test report	
Annex A	(informative) Example of experiment on systematic sampling by method 1	