

ISO 3086:2006-04 (E)

Iron ores - Experimental methods for checking the bias of sampling

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	General conditions	2
6	Sampling and sample preparation methods	2
6.1	Sampling	2
6.2	Sample preparation	2
7	Analysis of experimental data	3
7.1	Computation of the differences	3
7.2	Determination of the mean and the standard deviation of the differences	3
7.3	Test for outliers - Grubbs' test	3
7.4	Selection of data for use in statistical test for bias	5
7.4.1	Consideration of outliers whose causes are assignable	5
7.4.2	Consideration of outliers whose causes are not assignable	5
7.4.3	Consideration of amount of data remaining	5
7.5	Statistical test for bias	5
7.5.1	Determination of the confidence interval for d	5
7.5.2	Interpretation of confidence interval	6
8	Test report	7
Annex A (normative) Flowsheets of the statistical analysis		8
Annex B (informative) Numerical examples of experiments		11