

# ISO 13093:2023-09 (E)

## Titanium and titanium alloys - Determination of carbon - Infrared absorption method after combustion in an induction furnace

---

Contents		Page
Foreword .....		iv
1 Scope .....		1
2 Normative references .....		1
3 Terms and definitions .....		1
4 Principle .....		1
5 Reagents .....		1
6 Apparatus .....		2
7 Sampling and sample preparation .....		2
8 Procedure .....		2
8.1 Test portion .....		2
8.2 Number of determination .....		2
8.3 Preparation of the instrument .....		2
8.4 Blank tests .....		3
8.5 Calibration .....		3
8.6 Determination .....		4
8.7 Calculation .....		5
9 Precision .....		5
10 Test report .....		6
Annex A (informative) Composition of the samples used for the validation precision test .....		7
Annex B (informative) Graphical representation of the precision data .....		8
Bibliography .....		9