

Calibration Report n°**BATXXXXXX_65341****Issued****26/02/2026****Customer**

Name CUSTOMER
Address ADDRESS
ADDRESS
Country COUNTRY

Order

Number 26/01267

Instrument

Type THERMOSTATIC BATH
Model BLOCK OVEN AGEING CHECK
Producer GIBITRE INSTRUMENTS SRL
Serial Number BATXXXXXX

Calibration

Date of the measures **26/02/2026**
Technician **Riccardo Fenili** [Habilitation for Calibration](#)

Reference Standard

The calibration is made in accordance to the requirements of the following standards:

ISO 1817: Rubber, vulcanized or thermoplastic — Determination of the effect of liquids

ISO 23529: Rubber — General procedures for preparing and conditioning test pieces for physical test methods

The measurement uncertainties stated in this document have been determined according to the ISO/IEC Guide 98 and to EA-4/02. Usually they have been estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally, this factor k is 2.

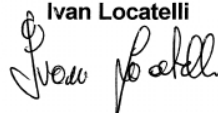
Calibration made by:

Riccardo Fenili



Calibration Report approved by:

Ivan Locatelli



Calibration Report n°
BATXXXXXX_65341

The measurement results reported in this Calibration Report were obtained following the procedures given in the following pages, where the reference standards or instruments are indicated which guarantee the traceability chain of the laboratory, and the related calibration certificates in the course of validity are indicated as well. They relate only to the calibrated item and they are valid for the time and conditions of calibration, unless otherwise specified.

Reference Instruments	Producer	Serial N.	Gibitre Code	Certificate N.	Calibration Laboratory	Issue Date	Due Date	Uncertainty	Unit
PT100 Thermoresistance + Calibrator	Gibitre Instruments srl	C1-T-PTA	C1-GB3-CAL-1 + C1-T-PTA	LAT 128T 141 7 22	ELLAB S.r.l.	25/09/22	25/09/2027	0,05	°C
PT100 Thermoresistance + Calibrator	Gibitre Instruments srl	C8-T-PTA	C8-GB3-CAL-1 + C8-T-PTA	CAL108 28756	GIBITRE INSTRUMENTS	02/09/25	02/09/2026	0,06	°C

ENVIRONMENTAL CONDITIONS

Room Temperature	(23 ± 2) °C
Relative Humidity	(50 ± 10) %

Calibration Report n°

BATXXXXXX_65341

Calibration of: **Temperature in the test tubes**

Sensor Type: **PT 100 Thermoresistance**

Resolution: **1 °C**

Procedure: The instrument is brought to the desired temperature. The reference thermometer is inserted in each tube in the position described in the drawing. The temperature reading of the instrument is compared with the reading of the reference thermometer. The procedure is repeated at different temperatures.

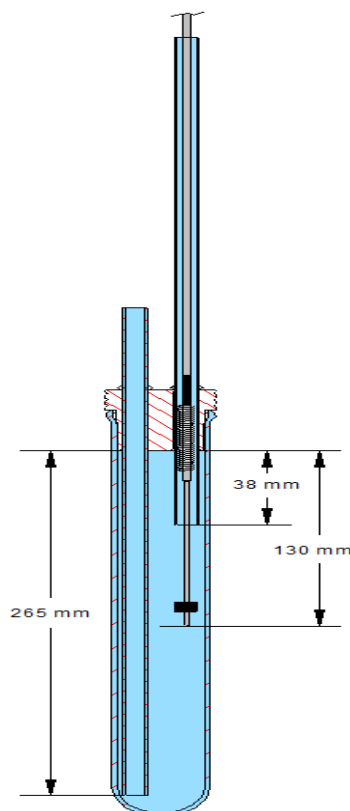
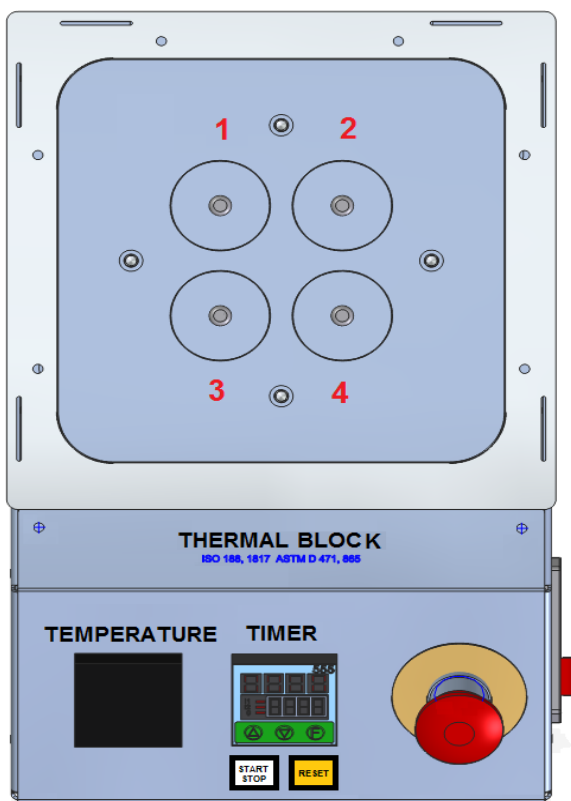
Reference Standard: **ISO 4649 Par. 10.2**

Reference Instruments:

C8-GB3-CAL-1 + C8-T-PTA

Uncertainty: **0,0603 °C**

Deviation **0,00 °C**



Calibration Report n°
BATXXXXX_65341

Test Temperature: 70 °C								
Tube	Set Temperature	Minimum Allowed	Maximum Allowed	Reading with Calibrated Thermometer	Mean	Deviation	Uncertainty U_ext_95%	Outcome
	°C	°C	°C	°C	°C	°C	°C	
1	70,0	68,0	72,0	71,53	71,53	1,5	0,6	ok
2	70,0	68,0	72,0	71,46	71,46	1,5	0,6	ok
3	70,0	68,0	72,0	71,21	71,21	1,2	0,6	ok
4	70,0	68,0	72,0	71,98	71,98	2,0	0,6	ok

Test Temperature: 150 °C								
Tube	Set Temperature	Minimum Allowed	Maximum Allowed	Reading with Calibrated Thermometer	Mean	Deviation	Uncertainty U_ext_95%	Outcome
	°C	°C	°C	°C	°C	°C	°C	
1	150,0	148,0	152,0	149,97	149,97	0,0	0,6	ok
2	150,0	148,0	152,0	150,23	150,23	0,2	0,6	ok
3	150,0	148,0	152,0	150,33	150,33	0,3	0,6	ok
4	150,0	148,0	152,0	149,95	149,95	-0,1	0,6	ok

Test Temperature: 200 °C								
Tube	Set Temperature	Minimum Allowed	Maximum Allowed	Reading with Calibrated Thermometer	Mean	Deviation	Uncertainty U_ext_95%	Outcome
	°C	°C	°C	°C	°C	°C	°C	
1	200,0	198,0	202,0	198,21	198,21	-1,8	0,6	ok
2	200,0	198,0	202,0	198,11	198,11	-1,9	0,6	ok
3	200,0	198,0	202,0	198,23	198,23	-1,8	0,6	ok
4	200,0	198,0	202,0	198,22	198,22	-1,8	0,6	ok

Test Temperature: 250 °C								
Tube	Set Temperature	Minimum Allowed	Maximum Allowed	Reading with Calibrated Thermometer	Mean	Deviation	Uncertainty U_ext_95%	Outcome
	°C	°C	°C	°C	°C	°C	°C	
1	250,0	248,0	252,0	248,02	248,02	-2,0	0,6	ok
2	250,0	248,0	252,0	248,04	248,04	-2,0	0,6	ok
3	250,0	248,0	252,0	248,44	248,44	-1,6	0,6	ok
4	250,0	248,0	252,0	248,23	248,23	-1,8	0,6	ok



Gibitre Instruments S.r.l.

Via Dell'Industria,73 24126 BERGAMO - ITALY

Tel. +39035460146

E-mail: info@gibitre.it - <http://www.gibitre.it>

CER_BLO_001

Rev: 01

IN

Calibration Report n°

BATXXXXX_65341

Verification of instrument safety devices

✓	Verification that the instrument's safety devices are working properly
---	--

✓	Final verification that the instrument is functioning properly with safety devices active
---	---