

CERTIFICATE OF CALIBRATION

Date Of Issue
10th Oct 2023

Certificate Number
009353



0601



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Approved Signatory

Signature

Spencer Saunders

Customer Name: Signatrol Ltd

Address: Unit E2, Green Lane Business Park
Tewkesbury
GL20 8SJ

Order Number: 47014

Date Received: 14th Sep 2023

Date Calibrated: 06th Oct 2023 to 09th Oct 2023

Procedure: The Instrument was stabilised in ambient conditions, then calibrated by comparison against traceable references in stirred liquid baths. The reported 'Instrument reading' is based on repeated measurements once stability criteria has been met in line with ETI procedure P5

Ambient Temperature: 23 ± 3 °C

Ambient Humidity: < 60 %rh

Temperature Scale: International Temperature Scale of 1990

Inst. Description: ETI Reference Mk2 Thermometer
Integral $\varnothing 3.3$ x 130mm 1/10th DIN Pt100 Liquid Probe

Inst. Serial Number: D23385362

Peripheral Device: N/A

Peripheral Device N°: N/A

Calibrated Range/Scale: -50.0 °C to +134.0 °C

Resolution: 0.01 °C

Comments: Immersion depth 110mm

Results:	Test Temperature °C	Instrument Reading °C	Error °C	Uncertainty °C
	-50.002	-50.03	-0.028	0.049 + Resolution
	-17.999	-18.00	-0.001	0.040 + Resolution
	-0.001	0.00	0.001	0.040 + Resolution
	3.995	4.01	0.015	0.040 + Resolution
	24.997	25.01	0.013	0.040 + Resolution
	99.999	99.99	-0.009	0.040 + Resolution
	133.999	133.98	-0.019	0.040 + Resolution

End Of Report

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95 %. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

The results indicate performance of instrument at time of measurement, with no warranty as to specification, repeatability of long term stability.

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