

# CERTIFICATE OF CALIBRATION



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**Certificate No:** UKAS 28774  
**Date Of Issue:** 21 October 2024  
**Date Of Calibration:** 21 October 2024  
**Issue No:** 1  
**Issued By:** M Rigby  
**Page:** 1 of 1

Authorised Signatory

N Gargan

**Customer:** Deva Calibration Lab  
**Equipment:** Set 16  
**Calibration Location:** Deva Calibration Lab  
**Job Number:** 28774

**Procedure Number:** ICM005 Rev C

## Test Conditions:

**Ambient Temperature:** 22 °C

*\*The results stated on this certificate relate only to the equipment listed above*

## Calibration Results:

| Datalogger   | Serial Number | -40°C Range |           | 0°C Range |           | 70°C Range |           |
|--------------|---------------|-------------|-----------|-----------|-----------|------------|-----------|
|              |               | Applied     | Indicated | Applied   | Indicated | Applied    | Indicated |
| Comark N2011 | 05140438      | -40.30      | -40.5     | 0.15      | 0.1       | 71.97      | 71.8      |
| Comark N2011 | 05140619      | -40.30      | -40.1     | 0.15      | 0.4       | 71.97      | 71.9      |
| Comark N2011 | 09230868      | -40.30      | -40.1     | 0.15      | 0.2       | 71.97      | 71.8      |
| Comark N2011 | 07180371      | -40.30      | -40.0     | 0.15      | 0.4       | 71.97      | 71.7      |
| Comark N2011 | 07180372      | -40.30      | -40.2     | 0.15      | 0.2       | 71.97      | 71.7      |
| Comark N2011 | 08110531      | -40.30      | -40.1     | 0.15      | 0.3       | 71.97      | 71.8      |
| Comark N2011 | 09120683      | -40.30      | -40.2     | 0.15      | 0.1       | 71.97      | 71.9      |
| Comark N2011 | 09120685      | -40.30      | -40.3     | 0.15      | 0.2       | 71.97      | 72.0      |
| Comark N2011 | 09120689      | -40.30      | -40.4     | 0.15      | 0.1       | 71.97      | 71.9      |
| Comark N2011 | 09120747      | -40.30      | -40.2     | 0.15      | 0.2       | 71.97      | 71.9      |
| Comark N2014 | 09120947      | -40.30      | -39.7     | 0.15      | 0.1       | 71.97      | 71.7      |

*The measurement uncertainty on this certificate is  $\pm 0.27$  °C*

*The Logger Set is placed in a Climate Chamber and ran over the desired temperature range(s) for approximately 4 hours per temperature range. The data from the logger is downloaded and inserted in the Data Template. The data recorded by the UKAS certified Picolog Thermometer is also downloaded and inserted to the same template. The Data Template will calculate the Mean Value for the Applied and Indicated Temperature, and produce a Certificate.*

## END OF RESULTS

*This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service.*

*It provides traceability of measurement to the SI system of units and / or units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.*

*The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor  $k=2$ , providing a level of confidence of approximately 95%*