

Certificate number 46602
22 August 2023

Total Laboratory Services Limited
Unit 14C Sunrise Business Park
Blandford Forum
Dorset
DT11 8ST

CERTIFICATE *of* CALIBRATION

We hereby certify that the three brass weights 1kg – 1g have been calibrated to fall within O.I.M.L. class M₁ tolerance.

Nominal Value	Difference from Nominal Value mg
1 kg G1124416	+ 24
500 g G1124414	+ 11
1 g W10875	+ 0.6

The measured values reported in this certificate were determined by comparison weighing methods against our laboratory's reference standards with a hypothetical density of 8000 kg/m³ which in air of density 1.2kg/m³ would balance the nominal weight.

WEIGHTS standard class E₂ weight set number 988 certified on UKAS certificate number UN0627
Date of issue 28th June 2023 by Norfolk Calibration Services. UKAS calibration number 0260.

Traceability to National Standards is established by comparison to Norfolk Calibration Services class E₂ weight sets.

Recommended recalibration November 2024. Why should recalibration be carried out?

Recalibration of test equipment is a major requirement for quality management systems. All test weights vary with time due to wear and the collection of grime. The extreme of weight change varies with the environment the weights are used in, consequently periodic recalibration at regular intervals is required.

Signed

