Scope of Accreditation for Calibration

Accreditation No. : **CALIBRATION 0156**

Laboratory Status : ☐ **Permanent** ☑ **Site** ☐ **Temporary** ☐ **Mobile**

Field of Measurement	Parameter/Range/Item	Calibration and Measurement Capability*	Standard/Technique/ Method/Equipment/Remark
2. Mass	Electronic balance		In-house method : CM-014
	Up to 10 mg	20 µg	based on UKAS LAB 14 : 2006
	> 10 mg to 20 mg	22 µg	
	> 20 mg to 50 mg	24 µg	
	> 50 mg to 100 mg	29 µg	
	> 100 mg to 200 mg	34 µg	
	> 200 mg to 500 mg	41 µg	
	> 500 mg to 1 g	49 µg	
	> 1 g to 2 g	63 µg	
	> 2 g to 5 g	78 µg	
	> 5 g to 10 g	94 µg	
	> 10 g to 20 g	0.13 mg	
	> 20 g to 50 g	0.17 mg	
	> 50 g to 100 g	0.28 mg	
	> 100 g to 200 g	0.52 mg	
	> 200 g to 500 g	1.4 mg	
	> 500 g to 1 kg	3.1 mg	
	> 1 kg to 2 kg	5.4 mg	
	> 2 kg to 5 kg	14 mg	
	> 5 kg to 10 kg	31 mg	
	> 10 kg to 20 kg	54 mg	
	> 20 kg to 50 kg	0.54 g	

* expressed as an uncertainty (+) which for k = 2, providing a level of confidence of approximately 95%

Scope of Accreditation for Calibration

Accreditation No. : CALIBRATION 0156

Laboratory Status : ☐ **Permanent** ☑ **Site** ☐ **Temporary** ☐ **Mobile**

Field of Measurement	Parameter/Range/Item	Calibration and Measurement Capability*	Standard/Technique/ Method/Equipment/Remark
2. Mass (cont.)	Electronic balance (cont.)		In-house method : CM-014
	> 50 kg to 100 kg	2.0 g	based on UKAS LAB 14 : 2006
	> 100 kg to 200 kg	4.1 g	
	> 200 kg to 500 kg	12 g	
	> 500 kg to 1 000 kg	23 g	
	> 1 000 kg to 2 000 kg	46 g	
	> 2 000 kg to 5 000 kg	0.20 kg	
	> 5 000 kg to 6 000 kg	0.28 kg	
	Mechanic balance		In-house method : CM-051
	Up to 500 g	0.90 g	based on UKAS LAB 14 : 2006
	> 500 g to 1 kg	1.0 g	
	> 1 kg to 2 kg	2.0 g	
	> 2 kg to 5 kg	4.0 g	
	> 5 kg to 7 kg	5.0 g	
	> 7 kg to 30 kg	12 g	
	> 30 kg to 50 kg	17 g	
	> 50 kg to 100 kg	58 g	
	> 100 kg to 300 kg	58 g	
	> 300 kg to 500 kg	83 g	
	> 500 kg to 1 000 kg	0.12 kg	
	> 1 000 kg to 2 000 kg	0.25 kg	

* expressed as an uncertainty (+) which for k = 2, providing a level of confidence of approximately 95%