Mass Calibration Report

METTLER TOLEDO

Report No: MC2306189-1

Mettler-Toledo (S) Pte Ltd

Address	1 Clementi Loop #02-03A, Singapore 129808
Telephone	65 6890 0011
Facsimile	65 6890 0012

Customer Information

Name of customer	:	Mettler-Toledo Pac Rim AG Taiwan Branch (Switzerland)
Customer Address	:	Jiu Zong Rd Neihu District 17 Lane 171 Sec 2 Taipei Taiwan R.O.C.11494 Taiwan

Customer's Weight Information

Customer Weight Serial No/ ID	:	B923776301 / SVC-T041
Customer's Weight Range	:	200mg - 5g
Customer's Weight Class	:	E Class
Customer Weight Manufacturer	:	Mettler-Toledo

Calibration Location

METTLER TOLEDO Mass Calibration Laboratory
1 Clementi Loop #02-03A, Singapore 129808

Calibration Information

Calibration Date	:	28-Jun-23
Report Issue Date	:	31-Jul-23
Work Order No.	:	220690009
Equipement Type	:	Mass Comparator
Manufacturer	:	Mettler Toledo

Details of Mass Comparators can be found on Pg 2

Environment Conditions

Atmospheric Pressure, hPa	:	1010.45
Ambient Temperature, °C	:	20.5
Relative Humidity, %RH	:	53.7

Cheng Yu Xiang
Calibration Officer

Chua Wen Feng
Approved Signatory

METTLER TOLEDO Calibration Service

ilac-MRA

Accredited Laboratory
SAC-SINGLAS
LA-2005-0329-C

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Method of Calibration

The calibration procedure is performed according to Mettler-Toledo quality procedure reference no. QP-SVC-9-020 and using Standard mass set serial number C314945270 traceable to international standards with callibration report number C314945270.

The calibration was performed by comparison with the reference weights of the Calibration Laboratory in a controlled environment by using substitution weighing method (ABA) on a mass comparator. The conventional mass values were determined.

Reference

Conventional density of the weights	:	8000	kg/m³
Mean air density :	:	1.19	kg/m³

Reference standards instrument :

Instrument	OIML Class	Model	Serial No.	Certificate No.	Due Date
Mass comparator	N/A	XP205CDR	B321363756	SG0091-022-072722-ACC-SG	27-Jul-23
Mass comparator	N/A	XP2004S	B323399156	SG0112-047-080422-ACC-SG	4-Aug-23
Mass comparator	N/A	XP26003L	B323399155	SG0112-048-080422-ACC-SG	4-Aug-23
Mass comparator	N/A	XPE26C	B502454763	SG0112-046-080422-ACC-SG	4-Aug-23
Mass comparator	N/A	XPE505C	B502465607	SG0091-023-072722-ACC-SG	27-Jul-23
METTLER TOLEDO Weight Set	E1	1mg to 2kg	C314945270	C314945270	19-Apr-24

The results reported herein have been performed in accordance with the laboratory's term of accreditation under Singapore Accreditation Council - Singapore Laboratory Accreditation Scheme.

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Cheng Yu Xiang
Calibration Officer

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Results of Calibration

Nominal Value	Marking/ Serial No.	OIML Class	Conventional Mass Correction g	Measured Conventional Mass g	Expanded Uncertainty g	OIML Tolerance g	Within Class Tolerance? (Y/N)
200mg		E2	0.000005	0.200005	0.00000667	0.000020	Y
1g		E2	0.000012	1.000012	0.00001000	0.000030	Y
5g		E2	0.000008	5.000008	0.00001667	0.000050	Y

Note : Asterisk mark " * " denotes weights with marking or bent tip.

The calibration results apply only on the above calibrated item and was found accurate as shown on date and place of calibration.

The associated expanded uncertainty of measurement were estimated at a level of confidence of approximately 95% with a coverage factor of k = 2.

The user should determine the suitability of the weight(s) for its intended use.

Cheng Yu Xiang
Calibration Officer

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