Calibration Report

Calibration & Measurement Laboratory-Taipei

Report Date：2020/10/21

Report No.： ECR2035798-1

Applicant	SENNO TECHNOLOGY INC.				
Equipment	Sodium Hypochlorite(NaOCl) Meter				
Manufacturer	MIZU	Model	CL-1	Serial No.	EC16091307
Procedure used	GENP-EC-C031(V 1.0)	Received Date	2020/10/7	Calibration Date	2020/10/21
Operator	Sally Liu	Temperature(℃)	(23 ± 3) ℃	Relative Humidity(%)	(60 ± 10) %
Add.-Customer **Add.-On-Site**	516, Sec.4, Junghua Rd., Hsinchu, Taiwan 300, R.O.C.			Location	Laboratory

SGS Standards

Equipment	Manufacturer	Model	Calibration Date
Measuring Cylinder	Witeg	500ml	2020/1/8
Pipette	EPPENDORF	100-1000 μl	2019/11/20

Serial Number	Traceability	Report No.	Due Date
EC15012701	SGS(WUKU)	ECR1944532	2021/1/7
3213346	SGS(TAF 0143)	ECR1937124	2020/11/19

◆ SGS Taiwan Ltd hereby declare that traceability follows ILAC P10(ILAC policy on the traceability of measurement results).All standards are directly traceable to TAF recognized lab (members of the ILAC MRA) or to National Metrology Institutes (NMI) or to other international standards (members of the CIPM MRA) or certified reference materials(CRMs). The report with "TAF" accredited symbol represents the certificate of calibration items conforming to TAF accreditation scope；Without 〝TAF〞 accredited symbol , the report also complies with the lab's standard calibration operating procedures and ISO/IEC 17025 requirements.

◆ This calibration report is valid only to the items been calibrated. According to ISO / IEC 17025 , SGS will not provide the determination for Calibration interval and acceptable level for this instrument .

◆ To reproduce or copy calibration report in partial is not allowed.

◆ Procedure used: Calibration SOP for sodium hypochlorite (Bleach) concentration meter

Tina Yang

Approval Signatory

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司
No.38, Wu Chyuan 7th Rd., New Taipei Industrial Park, Wu Ku District, New Taipei City, Taiwan /新北市五股區(新北產業園區)五權七路38號
t (886-2) 2299-3939 f (886-2) 2298-1845 www.sgs.com.tw
Member of SGS Group

Calibration Results

RptNo.： ECR2035798-1

Calibration Result：

Measured Value (ppm)	Actual Value (ppm)	Deviation (ppm)
52	50.0	2.0
199	200.2	-1.2
506	500.4	5.6
999	1000.8	-1.8

Calibration Explanation：

1.Deviation = Measured – Actual

2.Deviation % = 【(Measured - Actual) ÷ Actual】*100

3.Measured：The value recorded under testing from item- tested.

4.Actual：The value indicated by traceable standard.

5.The expanded measurement uncertainties estimated are at a level of confidence of approximately 95 % with a coverage factor $k = 2$

6.Expanded uncertainty：2 ppm

7.The expanded uncertainty included measurement system variances and item-tested variance.

-- THE END --

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司
No.38, Wu Chyuan 7th Rd., New Taipei Industrial Park, Wu Ku District, New Taipei City, Taiwan /新北市五股區(新北產業園區)五權七路38號
t (886-2) 2299-3939 f (886-2) 2298-1845 www.sgs.com.tw
Member of SGS Group

Calibration Report

Calibration & Measurement Laboratory-Taipei

Report Date：2020/10/21

Report No.： ECR2035800-1

Applicant	SENNO TECHNOLOGY INC.				
Equipment	Sodium Hypochlorite(NaOCl) Meter				
Manufacturer	MIZU	Model	CL-4	Serial No.	EC18010301
Procedure used	GENP-EC-C031(V 1.0)	Received Date	2020/10/7	Calibration Date	2020/10/21
Operator	Sally Liu	Temperature(℃)	(23 ± 3) ℃	Relative Humidity(%)	(60 ± 10) %
Add.-Customer **Add.-On-Site**	516, Sec. 4, Junghua Rd., Hsinchu, Taiwan 300, R.O.C.			Location	Laboratory

SGS Standards

Equipment	Manufacturer	Model	Calibration Date
Measuring Cylinder	Witeg	500ml	2020/1/8
Pipette	EPPENDORF	100-1000 μl	2019/11/20

Serial Number	Traceability	Report No.	Due Date
EC15012701	SGS(WUKU)	ECR1944532	2021/1/7
3213346	SGS(TAF 0143)	ECR1937124	2020/11/19

◆ SGS Taiwan Ltd hereby declare that traceability follows ILAC P10(ILAC policy on the traceability of measurement results).All standards are directly traceable to TAF recognized lab (members of the ILAC MRA) or to National Metrology Institutes (NMI) or to other international standards (members of the CIPM MRA) or certified reference materials(CRMs). The report with "TAF" accredited symbol represents the certificate of calibration items conforming to TAF accreditation scope ; Without "TAF" accredited symbol , the report also complies with the lab's standard calibration operating procedures and ISO/IEC 17025 requirements.

◆ This calibration report is valid only to the items been calibrated. According to ISO / IEC 17025 , SGS will not provide the determination for Calibration interval and acceptable level for this instrument .

◆ To reproduce or copy calibration report in partial is not allowed.

◆ Procedure used: Calibration SOP for sodium hypochlorite (Bleach) concentration meter

Tina Yang

Approval Signatory

Calibration Results

RptNo. : ECR2035800-1

Calibration Result :

Measured Value (%)	Actual Value (%)	Deviation (%)
0.11	0.11	0.00
0.21	0.21	0.00
0.31	0.31	0.00
0.40	0.40	0.00
0.50	0.50	0.00

Calibration Explanation :

1.Deviation = Measured – Actual

2.Deviation % = 【(Measured - Actual) ÷ Actual】*100

3.Measured : The value recorded under testing from item- tested.

4.Actual : The value indicated by traceable standard.

5.The expanded measurement uncertainties estimated are at a level of confidence of approximately 95 % with a coverage factor $k = 2$

6.Expanded uncertainty : 0.02 %

7.The expanded uncertainty included measurement system variances and item-tested variance.

-- THE END --

SGS Taiwan Ltd.
台灣檢驗科技股份有限公司
No.38, Wu Chyuan 7th Rd., New Taipei Industrial Park, Wu Ku District, New Taipei City, Taiwan /新北市五股區(新北產業園區)五權七路38號
t (886-2) 2299-3939 f (886-2) 2298-1845 www.sgs.com.tw
Member of SGS Group