



PRELIMINARY SURVEY VISIT

AREA IX

LABORATORIES

C. MAINTENANCE

A. Maintenance

C1. Description of a system on:

C.1.1. maintenance of cleanliness and orderliness in the laboratories;



ICT Laboratory used as venue for the conduct of class, seminars, and trainings.



SMART TV and computer used in computer subject lectures

BIOLOGY LABORATORY ROOM AND CENTRAL LABORATORY





CHEMISTRY LABORATORY ROOM AND CENTRAL LABORATORY





C.1.2. replenishment of perishable materials;





UNIVERSITY OF SOUTHERN MINDANAO

Annual Procurement Plan FY 2025

Fund - 06 - IGP

Code (PAP)	Procurement Project	PMO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (PSP)			Remarks (brief description of Project)
					Advertisement (Posting of Bids)	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
Maintenance and Other Operating Expenses													
Part 1. PS-DBM ITEMS													
5020301000	Procurement of Common Use Supplies and Equipment (CSE) available at PS-DBM (Please refer APP CSE Part I attached)	USM - Kabacan	No	NP-53.5 Agency-to-Agency	N/A	N/A	Quarterly	Quarterly	Income	2,903,041.19	2,903,041.19	-	
Part 2. N/A at PS-DBM													
II.A Other Common Use Office Supplies (Not Available in PS-DBM)													
5020301000	Supply and Delivery of other Common Use Office Supplies (Not Available in PS-DBM)	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarterly	N/A	Quarterly	Quarterly	Income	10,815,477.29	10,815,477.29	-	
II.B Other Computer Supplies and Accessories													
5020301000	Supply and Delivery of Other Computer Supplies and Accessories	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	202,121.39	202,121.39	-	
II.C Printer Consumables													
5020301000	Supply and Delivery of Various Printers Consumables	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	346,290.75	346,290.75	-	
II.D Photocopier Consumables													
5020301000	Supply and Delivery of Various Photocopier Consumables	USM - Kabacan	No	Direct Contracting	N/A	N/A	Quarter 2	Quarter 2	Income	2,197,800.00	2,197,800.00	-	
II.E Travel Expenses													
5020100000	Procurement of Travel-Related Expenses	USM - Kabacan	No	NP-53.16 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricants (POL), Products and Airfare Tickets and Online Subscription	N/A	N/A	ANA	ANA	Income	468,000.00	468,000.00	-	includes per diem and plane ticket

Code (PAP)	Procurement Project	PMO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (PSP)			Remarks (brief description of Project)
					Advertisement (Posting of Bids)	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
5020399000	Supply and Delivery of Various Hardware and Construction Supplies	USM - Kabacan	No	Competitive Bidding	Quarter 2	Quarter 2	Quarter 2	Quarter 2	Income	1,133,350.00	1,133,350.00	-	
II.J Fuels, Oils and Lubricants													
5020309000	Supply and Delivery of Fuels, Oils and Lubricants	USM - Kabacan	No	NP-53.9 - Small Value Procurement	N/A	N/A	Quarterly	Quarterly	Income	2,091,900.00	2,091,900.00	-	
II.L Semi-Expendables													
5020321002	Supply and Delivery of Semi-expendable Office Equipment (less than P50,000.00 per unit)	USM - Kabacan	No	Competitive Bidding	Quarter 2	Quarter 2	Quarter 2	Quarter 2	Income	1,010,420.00	1,010,420.00	-	
5020321003	Supply and Delivery of Semi-expendable I.C.T. Equipment (less than P50,000.00 per unit)	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	409,517.40	409,617.40	-	
5020321010	Supply and Delivery of Semi-expendable Medical Equipment (less than P50,000.00 per unit)	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	71,324.00	71,324.00	-	
5020321011	Supply and Delivery of Semi-expendable Printing Equipment (less than P50,000.00 per unit)	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	261,566.33	261,566.33	-	
5020321013	Supply and Delivery of Semi-expendable Technical and Scientific Equipment (less than P50,000.00 per unit)	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	392,800.00	392,800.00	-	
5020321099	Supply and Delivery of Semi-expendable Other Machinery and Equipment (less than P50,000.00 per unit)	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	666,000.00	666,000.00	-	
5020322001	Supply and Delivery of Semi-expendable Furniture and Fixtures (less than P50,000.00 per unit)	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	840,000.00	840,000.00	-	

APP Fund 06 2025

Code (PAP)	Procurement Project	PMO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (Php)			Remarks (brief description of Project)
					Advertisement (Posting of BRIEF)	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
II.O Other MOOE													
5020305000	Procurement of Catering Services	USM - Kabacan	No	N/A	N/A	N/A	ANA	ANA	Income	4,705,000.00	4,705,000.00	-	
502999009	Procurement of Installation Services	USM - Kabacan	No	N/A	N/A	N/A	N/A	N/A	Income	100,000.00	100,000.00	-	
502999009	Payment of Membership, Dues, & Contribution Expenses	USM - Kabacan	No	N/A	N/A	N/A	N/A	N/A	Income	50,000.00	50,000.00	-	
502999009	Payment of Other MOOE and Miscellaneous Expenses	USM - Kabacan	No	NP-53.9 - Small Value Procurement	ANA	N/A	ANA	ANA		7,621,293.29	7,621,293.29	-	
502999009	Food Coupon	USM - Kabacan	No	N/A	N/A	N/A	N/A	N/A		2,250,000.00	2,250,000.00	-	
Total MOOE										104,661,089.13			
Capital Outlay													
Equipment													
5060405001	Procurement of Various Machineries	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	565,000.00	-	565,000.00	
5060405002	Procurement of Various Office Equipment	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	295,000.00	-	295,000.00	
5060405003	Procurement of Various ICT Equipment	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	835,000.00	-	835,000.00	

Code (PAP)	Procurement Project	PMO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (Php)			Remarks (brief description of Project)
					Advertisement (Posting of BRIEF)	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
5060405011	Procurement of Medical Equipment	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	795,000.00	-	795,000.00	
5060405012	Procurement of Printing Equipment	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	250,000.00	-	250,000.00	
5060405011	Procurement of Laboratory Equipment	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	150,000.00	-	150,000.00	
5060405099	Procurement of Other Machinery and Equipment	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	140,000.00	-	140,000.00	
5060407001	Procurement of Various Furnitures and Fixtures	USM - Kabacan	No	NP-53.9 - Small Value Procurement	Quarter 2	N/A	Quarter 2	Quarter 2	Income	400,000.00	-	400,000.00	
TOTAL Capital Outlay										3,430,000.00			
TOTAL										106,091,089.22			

Prepared by:

MERCHIA C. MAYORMENTE
BAC Secretariat

Reviewed by:

MYRNA R. TAN
Head, BAC Secretariat

Recommending Approval:

QUEMELYN L. CURENDES
BAC Chairperson, Infrastructure

Approved by:

JONALD L. PIMENTEL, PhD
Head of Procuring Entity/Agency

SAMSUDIN S. PANDAY
BAC Chairperson, Goods and Services

C.1.3. coding and inventory; and



UNIVERSITY OF SOUTHERN MINDANAO
Kabacan, Cotabato

INVENTORY REPORT OF USM PROPERTY, PLANT AND EQUIPMENT

December 31, 2024

Republic of the Philippines
UNIVERSITY OF SOUTHERN MINDANAO
Kabacan, Cotabato

INVENTORY COMMITTEE CY 2024

This is to certify that the following inventory of various properties/equipment of the University of Southern Mindanao consisting of 202 pages were actually verified, counted, found correct and existing as of December 31, 2024.


SHIRLY J. MONDIA
Head, Property & Supply Office/
Administrative Officer V

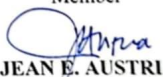

ANACLETO G. DUQUE, JR.
Member


CHERYL M. ITABLE
Member


RENE P. LUCENA
Member


JAY-R.G. VILDAC
Member


IRVIN A. BALISE
Member


JEAN E. AUSTRIA
Member

MARGIE B. GALANG
Director, Admin Services/CAO

Article	New Property Number	Q t y	Unit	Unit Cost	Total Cost	Date Acquired	Est. Use-ful Life	Scrap Value	Yearly Depr'n	Depr'n for the Period	Depr'n for Prior Year	Total Accum. Depr'n	Net Book Value	Accountable Officer
1 Solar Powered Irrigation System	2019-05-04-001-00-01-04	1.0	lot	568,096.60	568,096.60	04/04/2019	10	28,404.83	53,969.18	53,969.18	251,856.17	305,825.35	262,271.25	Fortinez, Jr., Benjamin F
Sub - Total					9,078,096.60					551,294.18		6,985,394.08		
												6,434,099.90	2,092,702.52	
10605110-B Laboratory Equipment														
1 Rheometer	1993-05-11-009-00-03-04-01	1.0	unit	1,188,505.00	1,188,505.00	07/01/1993	10	59,425.25	112,907.98	0.00	1,129,079.75	1,129,079.75	59,425.25	Andug, Joseph D.
2 Mooney Viscosimeter	1993-05-11-010-00-03-04-01	1.0	unit	728,270.00	728,270.00	07/01/1993	10	36,413.50	69,185.65	0.00	691,856.50	691,856.50	36,413.50	Andug, Joseph D.
3 Two-roll Mill	1993-05-11-013-00-03-04-01	1.0	unit	1,730,000.00	1,730,000.00	07/01/1993	10	86,500.00	164,350.00	0.00	1,643,500.00	1,643,500.00	86,500.00	Andug, Joseph D.
4 Hydraulic Press	1993-05-11-018-00-03-04-01	1.0	unit	371,368.00	371,368.00	07/01/1993	10	18,568.40	35,279.96	0.00	352,799.60	352,799.60	18,568.40	Andug, Joseph D.
5 Muffle Furnace	1993-05-11-002-00-03-04-01	1.0	unit	104,172.50	104,172.50	07/01/1993	10	5,208.63	9,896.39	0.00	98,963.87	98,963.87	5,208.63	Andug, Joseph D.
6 Natural Convection Oven	1993-05-11-005-00-03-04-01	1.0	unit	64,112.50	64,112.50	07/01/1993	10	3,205.63	6,090.00	0.00	60,906.87	60,906.87	3,205.63	Andug, Joseph D.
7 Fumehood	1993-05-11-0014-00-03-04-01	1.0	unit	108,932.00	108,932.00	07/01/1993	10	5,446.60	10,348.54	0.00	103,485.40	103,485.40	5,446.60	Andug, Joseph D.
8 Fumehood	1993-05-11-006-00-03-04-01	1.0	unit	96,246.00	96,246.00	07/01/1993	10	4,812.30	9,143.37	0.00	91,433.70	91,433.70	4,812.30	Andug, Joseph D.
9 Fumehood	1993-05-11-004-00-03-04-01	1.0	unit	118,574.00	118,574.00	07/01/1993	10	5,928.70	11,264.53	0.00	112,645.30	112,645.30	5,928.70	Andug, Joseph D.
10 Natural Convection Oven	1993-05-11-007-00-03-04-01	1.0	unit	64,112.50	64,112.50	07/01/1993	10	3,205.62	6,090.69	0.00	60,906.87	60,906.87	3,205.63	Andug, Joseph D.

C.1.4. repairs and calibration



CAMROCK ANALYTIKA EZZENTIALEZ TRADING

1255 Miramonte Pader Phase III Lucban, Quezon
 Telefax: 042 540 6575/ Mobile: 09165756218
 Email: vez_mzeffil@yahoo.com

TEST AND CALIBRATION CERTIFICATE

Submitted by:	CAMROCK ANALYTIKA EZZENTIALEZ TRADING	Laboratory Certificate No. USM022024 - 014
---------------	---------------------------------------	--

Instrument Identification

Equipment:	Analytical Balance	Serial No:	052213
Client Name:	UNIVERSITY OF SOUTHERN MINDANAO	Calibrated At:	USM - Biology Department
Make:	BIOBASE	Condition of equipment submitted for calibration:	Working
Model:	BA2004C	Treatment of equipment prior to calibration:	No Adjustment

Certificate Information

Environmental Condition at the time of test	Type of calibration/ Verification	COMPARISON
Ambient temperature	Date Calibrated/Validation	February 2024
Ambient Humidity	Next due date per customer's request	February 2025

Traceability Statement

The standard of the Laboratory are traceable to either national standards (DOST), to NIST accepted intrinsic standards of measurements, to fundamental or physical constraints, by ratio type of self-calibration techniques, or by comparison to Consensus standards and are part of the laboratory measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty required by the laboratory. The laboratory test number identified above is the unique report number to be used in referencing measurement Traceability for equipment submitted in this certificate

Unit Under Test Set of Weight	Test Result						Difference %
Grams	Left Bottom	Right Bottom	Center	Left Top	Right Top	Center	
1	1.0003	1.0007	1.0002	1.0004	1.0005	1.0002	±0.0002
2	2.0120	2.0116	2.0122	2.0124	2.0118	2.0120	±0.0002
10	10.0029	10.0033	10.0037	10.0036	10.0035	10.0035	±0.0006
20	20.0013	20.0016	20.0014	20.0013	20.0022	20.0022	±0.0009
50	50.0067	50.0077	50.0075	50.0069	50.0067	50.0067	±0.0020
100	100.0046	100.0068	100.0063	100.0064	100.0078	100.0078	±0.0032
200	200.0071	200.0099	200.0083	200.0109	200.0144	200.0144	±0.0073

End of Data Sheet

The data in the above table of this report apply only to items specifically listed on this report.
 The results given in this report were those obtained at the time of calibration at ambient condition.
 Any number or factors may cause the calibration item to drift out of calibration before the recommended interval has expired.
 The user should determine the suitability of the equipment for its intended use.

EQUIPMENT USED FOR CALIBRATION				TEST METHOD USED
Standard(s) Used	Calibration Agency	Certificate No.	Date Issued	COMPARISON
Set of Weights	FPSI MET LAB	WP13-1079	July 12, 2023	

Calibrated by:

 ABERTO DAJAO
 Calibration Technician

Approved by:

 ZALDY E. VILLENAS
 Chemical Engineer



CAMROCK ANALYTIKA EZZENTIALEZ TRADING

1255 Miramonte Pader Phase III Lucban, Quezon

Telefax: 042 540 6575/ Mobile: 09165756218

Email: vez_mzefil@yahoo.com

TEST AND CALIBRATION CERTIFICATE

Submitted by:	CAMROCK ANALYTIKA EZZENTIALEZ TRADING	Laboratory Certificate No. USM022024 - 015
---------------	---------------------------------------	--

Instrument Identification

Equipment:	Analytical Balance	Serial No:	308850
Client Name:	UNIVERSITY OF SOUTHERN MINDANAO	Calibrated At:	USM - Biology Department
Make:	OHYO	Condition of equipment submitted for calibration:	Working
Model:	JL-180	Treatment of equipment prior to calibration:	No Adjustment

Certificate Information

Environmental Condition at the time of test	Type of calibration/ Verification	COMPARISON
Ambient temperature	Date Calibrated/Validation	February 2024
Ambient Humidity	Next due date per customer's request	February 2025

Traceability Statement

The standard of the Laboratory are traceable to either national standards (DOST), to NIST accepted intrinsic standards of measurements, to fundamental or physical constraints, by ratio type of self-calibration techniques, or by comparison to Consensus standards and are part of the laboratory measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty required by the laboratory. The laboratory test number identified above is the unique report number to be used in referencing measurement. Traceability for equipment submitted in this certificate

Unit Under Test Set of Weight	Test Result						Difference %
Grams	Left Bottom	Right Bottom	Center	Left Top	Right Top	Center	
1	0.9999	1.0000	1.0000	1.0000	1.0000	1.0000	±0.0001
10	10.0020	10.0020	10.0017	10.0019	10.0018	10.0018	±0.0002
20	19.9992	19.9991	19.9998	19.9992	19.9992	19.9992	±0.0000
50	50.0026	50.0027	50.0027	50.0022	50.0028	50.0028	±0.0002
100	99.9954	99.9955	99.9951	99.9945	99.9951	99.9951	±0.0003

End of Data Sheet

The data in the above table of this report apply only to items specifically listed on this report.
The results given in this report were those obtained at the time of calibration at ambient condition.
Any number or factors may cause the calibration item to drift out of calibration before the recommended interval has expired.
The user should determine the suitability of the equipment for its intended use.

EQUIPMENT USED FOR CALIBRATION				TEST METHOD USED
Standard(s) Used	Calibration Agency	Certificate No.	Date Issued	COMPARISON
Set of Weights	FPSI MET LAB	WPIS-1079	July 12, 2023	

Calibrated by:

AUGUSTO DAMAO
Calibration Technician

Approved by:

ZALDY E. VILLENAS
Chemical Engineer



CAMROCK ANALYTIKA EZZENTIALEZ TRADING

1255 Miramonte Pader Phase III Lucban, Quezon

Telefax: 042 540 6575/ Mobile: 09165756218

Email: vez_mzcfil@yahoo.com

TEST AND CALIBRATION CERTIFICATE

Submitted by:	CAMROCK ANALYTIKA EZZENTIALEZ TRADING	Laboratory Certificate No. USM122018-0109
---------------	---------------------------------------	---

Instrument Identification

Equipment:	INCUBATOR	Serial No:	980018
Client Name:	UNIVERSITY OF SOUTHERN MINDANAO	Calibrated At:	USM - Biology Department
Make:	WTS Binder	Condition of equipment submitted for calibration:	Defective
Model:		Treatment of equipment prior to calibration:	Diagnose

Certificate Information

Environmental Condition at the time of test	Type of calibration/ Verification	COMPARISON
Ambient temperature °C	Date Calibrated/Validation	December 2017
Ambient Humidity RH	Next due date per customer's request	December 2018

Traceability Statement

The standard of the Laboratory are traceable to either national standards (DOST), to NIST accepted intrinsic standards of measurements, to fundamental or physical constraints, by ratio type of self-calibration techniques, or by comparison to Consensus standards and are part of the laboratory measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty required by the laboratory. The laboratory test number identified above is the unique report number to be used in referencing measurement Traceability for equipment submitted in this certificate

Unit under Test Set Temperature (°C)	Test Results Temperature (°C) As Found	As Compared
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

End of Data Sheet

The data in the above table of this report apply only to items specifically listed on this report.
The results given in this report were those obtained at the time of calibration at ambient condition.
Any number or factors may cause the calibration item to drift out of calibration before the recommended interval has expired.
The user should determine the suitability of the equipment for its intended use.

EQUIPMENT USED FOR CALIBRATION				TEST METHOD USED
Standard(s) Used	Calibration Agency	Certificate No.	Date Issued	COMPARISON
Temperature	LUTRON ELECTRONIC CO. LTD.	07-2016-RH-0294	July 07, 2017	

Calibrated by:

AUGUSTO DALAO
Calibration Technician

Approved by:

ZALDY E. VILLENAS
Chemical Engineer



CALIBRATION CERTIFICATE

Request Reference No. : R11-092022-MET-1340 Date Submitted : September 26, 2022
Sample Code : MET-02443 Date of Calibration : October 12, 2022
Calibration Item : Test Weight (5 pcs)* Serial No. : None*
Make/Model : None Material : CHROME PLATED*
Submitted by : UNIVERSITY OF SOUTHERN MINDANAO
DEPARTMENT OF CHEMISTRY
COLLEGE OF SCIENCE AND MATHEMATICS*
Address : Bai Matabay Plang Avenue, Poblacion, Kabacan, North Cotabato*

CALIBRATION RESULTS:

Nominal Value	Marking / Identification	Conventional Mass Value	Uncertainty of Measurement, mg	Coverage Factor, k
1 g	None	1 g + 0.030 mg	0.058	1.96
5 g	None	5 g - 0.174 mg	0.060	1.96
10 g	None	10 g + 0.018 mg	0.061	1.96
20 g	None	20 g + 0.500 mg	0.062	1.96
50 g	None	50 g + 0.161 mg	0.066	1.96
Environmental Conditions	Temperature	(22.5 ± 2.5) °C		
	Relative Humidity	(55 ± 10) % RH		
	Atmospheric Pressure	(1013.5 ± 20) hPa		

STANDARDS USED AND TRACEABILITY

The Test Weight was calibrated using reference standard traceable to SI units as maintained by NML-ITDI, with Reference No. R11-012022-MET-0049.

CALIBRATION PROCEDURE

Calibration method is in accordance with DOST RSTL-Davao CAL-CM-002 – "Calibration of Test Weights".

REMARKS

- The above results were those obtained at the time of calibration and refer only to the particular samples submitted, however, should the item be modified or damaged in any way, or develop inconsistent readings, the results may not be valid and the unit will require recalibration. No adjustments were performed on the samples. The user should determine suitability of the samples for its intended use.
- Uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k. It has been determined in accordance with the "Guide to the Expression of Uncertainty (GUM)". The value of the measurement lies within the assigned range of values with a probability of 95%.
- All text with a single asterisk are provided by the customer at the time of submission.
- This report shall not be reproduced except in full, without the written approval of the laboratory.

Calibrated by :

ARA MARMEYA SIOS-E**
Laboratory Analyst

Reviewed/Checked by :

BENJAMIN V.D. ESTRELLADO JR., PME**
Laboratory Analyst

Approved for Release by :

BENJAMIN V.D. ESTRELLADO JR., PME**
DOST RSTL-Davao Laboratory Head

**Approved Signatory

RSTL XI-WI-015F 21
Revision 0
11-Feb-19



CALIBRATION CERTIFICATE

Request Reference No. : R11-092022-MET-1341
Sample Code : MET-02444
Calibration Item : Analytical Balance*
Make/Model : Mettler Toledo / MS3044TS
Serial Number : B641132972*
Calibrated at (On-site) : CHEMISTRY CENTRAL LABORATORY -
Instrumentation Room 1
Submitted by : UNIVERSITY OF SOUTHERN MINDANAO
DEPARTMENT OF CHEMISTRY
COLLEGE OF SCIENCE AND MATHEMATICS*
Address : Bai Matabay Plang Avenue, Poblacion, Kabacan, North Cotabato*
Date Submitted : September 26, 2022
Date Calibrated : September 27, 2022
Capacity : 320 g
Readability : 0.0001 g
Actual Scale Interval, d : 0.0001 g

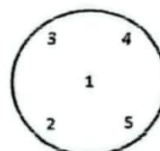
CALIBRATION RESULTS

REPEATABILITY: Test Load: 200 g

Trial	Indication (g)
1	199.9966
2	199.9966
3	199.9964
4	199.9966
5	199.9964
6	199.9964
7	199.9965
8	199.9965
9	199.9966
10	199.9967

ECCENTRICITY: Test Load: 100 g

Position	Indication (g)	Error (g)
1	99.9983	
2	99.9986	0.0003
3	99.9984	0.0002
4	99.9981	-0.0002
5	99.9982	-0.0001
1	99.9982	



- 1- Center
- 2- Front Left
- 3- Back Left
- 4- Back Right
- 5- Front Right

Standard Deviation : 0.0001 g

ERRORS OF INDICATION:

Test Load (g)	Standard Mass Used (g)	Balance Indication (g)	Error (g)	Coverage Factor, k	Expanded Uncertainty (g)
0	0.00000	0.0000	0.0000	0.00	0.00
0.1	0.10005	0.0999	-0.0002	1.99	0.00014
2	1.99996	2.0000	0.0000	1.97	0.00023
5	4.99655	4.9963	-0.0003	1.97	0.00029
10	9.99980	9.9995	-0.0003	1.97	0.00035
50	49.99948	49.9990	-0.0005	1.97	0.00052

-Page 1 of 2 pages-

RSTL XI-WI-015F21
Revision 0
11-Feb-19



CALIBRATION CERTIFICATE

Request Reference No. R11-092022-MET-1341 Date Submitted September 26, 2022
Sample Code MET-02445 Date Calibrated September 27, 2022
Calibration Item Drying Oven
Make/Model Memmert / UN 110 Resolution 0.1 °C
Serial No. B413.1507 Calibrated at UCB 207 - HOT LABORATORY

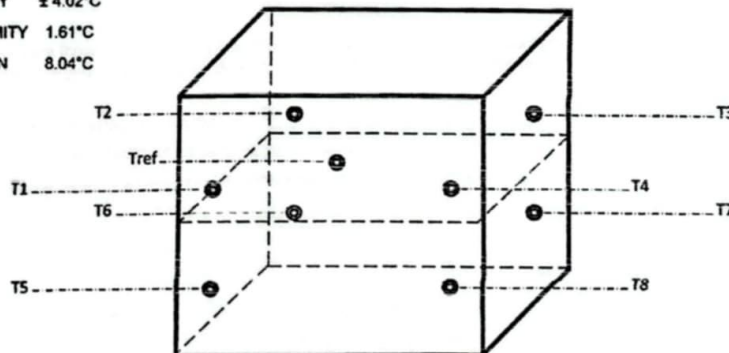
Submitted by UNIVERSITY OF SOUTHERN MINDANAO
DEPARTMENT OF CHEMISTRY
COLLEGE OF SCIENCE AND MATHEMATICS
Address Bai Metabay Plang Avenue, Poblacion, Kabacan, North Cotabato

CALIBRATION RESULTS

Chamber Temperature Controller/Indicator (°C)		Mean Reading at each Measurement Location, (°C)									Uncertainty (°C)
Test point	Ave. Reading	Tref	T1	T2	T3	T4	T5	T6	T7	T8	± 1.83
100	100.5	98.93	100.53	99.36	98.96	99.22	92.62	92.81	93.30	93.09	

SKETCH OF EUT

CHAMBER STABILITY ± 4.02°C
CHAMBER UNIFORMITY 1.61°C
OVERALL VARIATION 8.04°C



UNCERTAINTY OF MEASUREMENT

Uncertainty stated is the expanded uncertainty obtained by multiplying the combined standard uncertainty by the coverage factor $k = 1.98$. It has been determined in accordance with the "Guide to the Expression of Uncertainty (GUM)". The value of the measurand lies within the assigned range of values with a probability of 95%.



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
REGIONAL OFFICE NO. XI
REGIONAL STANDARDS AND TESTING LABORATORY - DAVAO

Request Reference No. R11-092022-MET-1341
Date Calibrated September 27, 2022

STANDARDS USED AND TRACEABILITY

Name of Standard	Make / Model	Reference Number	Traceability
Data Acquisition Unit w/ thermocouple	FLUKE / 32450009	05 - 2021 - DT - 0082	Traceable to the SI unit as maintained by NML, ITDI-DOST

CALIBRATION PROCEDURE:

Calibration method is in accordance with DOST RSTL-Davao CAL-CM-016 - "Calibration of Climatic Chambers".

MEASUREMENT CONDITIONS

Temperature : 31 °C
Relative Humidity: 40 %

REMARKS:

1. The above results were those obtained at the time of calibration and refer only to the particular sample submitted, however, should the item be modified or damaged in any way, or develop inconsistent readings, the results may not be valid and the unit will require recalibration.
2. No adjustment was performed on the samples.
3. The user should determine suitability of the samples for its intended use.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.

Calibrated By:


ARA YARME SIOS-E
Laboratory Analyst

Reviewed / Checked By:

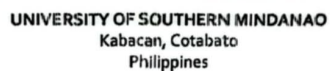

BENJAMIN V.D. ESTRELLADO JR., PME
Laboratory Analyst

Approved for Released By:


BENJAMIN V.D. ESTRELLADO JR., PME
DOST RSTL-Davao Laboratory Head

-Page 2 of 2 pages-

RSTL-XI-005-015F22
Revision 0
13 Feb 19



C.2 Composition of the maintenance and repair unit

	LegalName	Designation	OfficeAssgn	ReportFormat
1	JOSHUA OMAR B. BALANGUE	Audio-Visual Equipment Operator	UPRIO	Contract COS NT
2	ARAVILA Q. DEMON	Audio-Visual Media Producer	UMPC	Contract COS NT
3	ALEJO M. NICOLAS	Carpenter	GSO - Civil Works Section	Contract COS NT
4	ARNEL L. DAOILE	Carpenter	GSO - Civil Works Section	Contract COS NT
5	EFREN A. NARCISO	Carpenter	GSO - Civil Works Section	Contract COS NT
6	JERRY BINATAK	Carpenter	GSO - Civil Works Section	Contract COS NT
7	ROWEL E. BALERA SR.	Carpenter	GSO - Civil Works Section	Contract COS NT
8	SANDER T. MAPANAO	Carpenter	GSO - Civil Works Section	Contract COS NT
9	JAMELA A. SUMANGKONG	DCE Laboratory Aide	CEIT	Contract COS NT
10	GHANY MHAR G. ATIH	DCLIS Laboratory Aide	CEIT	Contract COS NT
11	DESIRIE V. OTAÑES	DCPE Laboratory Aide	CEIT	Contract COS NT
12	LOUREIN ANNE N. ANTONIO	DCPE Laboratory Aide	CEIT	Contract COS NT
13	DESIRIE V. OTAÑES	DCpE/DECE Lab Aide	CEIT	Contract COS NT
15	MCKIENLIE A. RIVERA	Electrician	GSO - Electrical Section	Contract COS NT
17	ROLAND B. YAGONG	Electrician	GSO - Electrical Section	Contract COS NT
19	REYNALDO B. DEANG	Electronic Technician	GSO - Electrical Section	Contract COS NT
20	ELNORA L. FLORES	Laboratory Aide	PICRI/FPIC (Food Processing and Innovation Center) USMARC	Contract COS NT
21	ALPIE B. RECAPENTE	Laboratory Aide	HM Laboratory	Contract COS NT

22	ANGELO G. MORTERA	Laboratory Aide	PRTC	Contract COS NT
23	DHELIAFE A. BAYAM	Laboratory Aide	USM, Biotech Office	Contract COS NT
24	EVONIE MAE B. SANCHEZ	Laboratory Aide	CHS	Contract COS NT
25	FRENCHILLE ROSE V. CAUNDA	Laboratory Aide	CSM - Bio Dept.	Contract COS NT
26	GHANY MHAR G. ATIH	Laboratory Aide	CEIT - DCLIS	Contract COS NT
27	KIM JOHN A. BONETE	Laboratory Aide	USMARDC	Contract COS NT
28	MARY GRACE M. DAGOPLO	Laboratory Aide	Chemistry Central Laboratory	Contract COS NT
29	MICHAEL T. JORDAN	Laboratory Aide	Chefs	Contract COS NT
30	ROZEN G. PECHO	Laboratory Aide	PRTC	Contract COS NT
31	RUBE GEM B. RUFINO	Laboratory Aide	Chemistry Central Laboratory	Contract COS NT
32	SANSHINE O. LACSAO	Laboratory Aide	USMARDC	Contract COS NT
33	VIRGIE J. SEBASTIAN	Laboratory Aide	Physics Laboratory	Contract COS NT
34	LOUREIN ANNE N. ANTONIO	Laboratory Aide	CEIT	Contract COS NT
35	FERDINAND C. MAÑEBOG	Laboratory Aide	College of Medicine	Contract COS NT
36	SAMUEL A. CALUYAN	Laboratory Assistant	Biological Sciences Dept., CSM	Contract COS NT
37	BAIREN M. MAMALAGIA	Laboratory Teaching Assistant	College of Medicine	Contract COS NT
38	MUTAN M. SENCIL	Laboratory Technician	PRTC	Contract COS NT
39	JAMES CARL P. CORDERO	Law School Utility	College of Law	Contract COS NT
40	JAY LORD L. VILLANUEVA	Law School Utility	College of Law	Contract COS NT
41	MARK ANTHONY A. MAPANDI	Law School Utility	College of Law	Contract COS NT
42	LEONARDO J. AGRAVE	Print Media Technician	UMPC	Contract COS NT

43	KEN R. SANGCALA	Technical Support	UICTO	Contract COS NT
44	MARIO M. RENTUAYA	Technical Support	UICTO	Contract COS NT
45	WILLIAM O. GERSALINO	Technical Support	UICTO	Contract COS NT
46	KEN R. SANGCALA	Technical Support Staff	UICTO	Contract COS NT
47	MARIO M. RENTUAYA	Technical Support Staff	UICTO	Contract COS NT
48	WILLIAM O. GERSALINO	Technical Support Staff	UICTO	Contract COS NT
49	NASRUDIN L. ABAS	Technician	DXVL	Contract COS NT
50	ABDUL JAJI	Utility Worker	CSM	Contract COS NT
51	ABDULBASSIT S. SAINODIN	Utility Worker	IMEAS	Contract COS NT
52	ALFREDO G. LOGRONIO JR.	Utility Worker	CBDEM	Contract COS NT
53	ANNIE Y. LABORDO	Utility Worker	Presidential Cottage	Contract COS NT
54	AQUILINO D. CALVO, JR.	Utility Worker	HVCFPC	Contract COS NT
55	ARLEN B. MAGBANUA	Utility Worker	WOMEN'S DORM	Contract COS NT
56	ARNEL G. CANSECO	Utility Worker	College of Education	Contract COS NT
57	ASNA U. DALANDA	Utility Worker	CHS	Contract COS NT
58	BEN W. SENCIL	Utility Worker	GSO - Ground Maintenance and Water System Section	Contract COS NT
59	BENNY B. SALINGKA	Utility Worker	CBDEM	Contract COS NT
60	CRISTINO L. PAGAYAO	Utility Worker	CHS	Contract COS NT
61	DANILO M. ELIPIAN JR.	Utility Worker	USG	Contract COS NT
62	DATU JOEL S. SULTAN	Utility Worker	USMARDC	Contract COS NT
63	DODOY D. BULAHING	Utility Worker	CHS	Contract COS NT

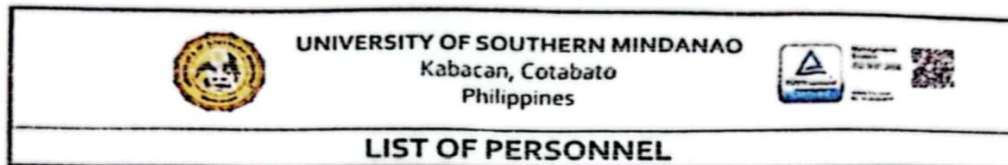
64	EDUARDO M. DURAN	Utility Worker	S&T Building	Contract COS NT
65	ERIC MARATAS	Utility Worker	Chefs	Contract COS NT
66	FLORANTE L. PAREJA	Utility Worker	Men's Dormitory	Contract COS NT
67	FRANCIS S. PANANSALAN	Utility Worker	CVM Main Building	Contract COS NT
68	FRED D. VERGARA	Utility Worker	Women's Dorm	Contract COS NT
69	GIERIC S. ESPARAGOZA	Utility Worker	CASS	Contract COS NT
70	GLENY C. JANANI	Utility Worker	CASS	Contract COS NT
71	HAVABE C. LIMBO	Utility Worker	CBDEM	Contract COS NT
72	JAIME L. ESTIMO JR.	Utility Worker	CTI	Contract COS NT
73	JASCHA B. BALIWAN	Utility Worker	CSM - 1st floor Right wing and Right back	Contract COS NT
74	JEANNY FE C. MOLINA	Utility Worker	Guest House	Contract COS NT
75	JESSIE O. MAGBANUA, JR.	Utility Worker	CSM	Contract COS NT
76	JOHAIDEN C. SOLAIMAN	Utility Worker	USMARDC	Contract COS NT
77	JOHN CESAR S. CASTILLO	Utility Worker	BDC - Men's Dorm	Contract COS NT
78	JOLCAREM S. SOLAIMAN	Utility Worker	ISPEAR	Contract COS NT
79	JONNY BOY VILLO	Utility Worker	CASS	Contract COS NT
80	JOPEL GATCHALIAN	Utility Worker	College of Medicine 3rd Floor	Contract COS NT
81	JOSE N. AGLUTAY JR.	Utility Worker	CVM Academic Building	Contract COS NT
82	JUNE L. PINANTAO	Utility Worker	GSO - Ground Maintenance and Water System Section	Contract COS NT
83	JUSTIN M. DUMACON	Utility Worker	College of Medicine 2nd Floor	Contract COS NT

84	LYBERT S. TAGBO	Utility Worker	College of Agriculture	Contract COS NT
85	MARIELO M. BUCANG	Utility Worker	College of Education	Contract COS NT
86	MARIO D. BULAHING	Utility Worker	GSO - Ground Maintenance and Water System Section	Contract COS NT
87	MARLON GUIAMEL	Utility Worker	ULS	Contract COS NT
88	MARY GRACE R. MARTIZANO	Utility Worker	CASS	Contract COS NT
89	MEO W. SENCIL	Utility Worker	GSO - Ground Maintenance and Water System Section	Contract COS NT
90	MOHAMAD M. BALAYMAN	Utility Worker	College of Medicine 1st Floor	Contract COS NT
91	MOJAMID D. SENCIL	Utility Worker	College of Education	Contract COS NT
93	MOSANIP LINGGADINGAN	Utility Worker	USMARDC	Contract COS NT
94	NASRODIN L. WAGIA	Utility Worker	ULS	Contract COS NT
95	PANTALEON P. SALINAS	Utility Worker	CEIT	Contract COS NT
96	RADZMER JAJI	Utility Worker	CSM	Contract COS NT
97	RAHIB K. SAMPULNA	Utility Worker	CEIT	Contract COS NT
98	RASUL D. BALAYMAN	Utility Worker	ISPEAR	Contract COS NT
99	REAGAN J. ATIENZA	Utility Worker	Graduate School	Contract COS NT
100	RENANTE D. ONTULAN	Utility Worker	HRM Building	Contract COS NT
101	REXAM P. PITOGO	Utility Worker	Admin Building	Contract COS NT
102	REYNALDO M. APIADO	Utility Worker		Contract COS NT
103	RODOLFO C. DERECHO	Utility Worker	WOMEN'S DORM	Contract COS NT
104	ROEL AVENA	Utility Worker	CEIT	Contract COS NT

105	ROMEO COMAÑA	Utility Worker	ISPEAR	Contract COS NT
106	ROMULO M. RECONA, SR.	Utility Worker	CA Annex	Contract COS NT
107	ROY M. ESPARAGOZA	Utility Worker	ISPEAR	Contract COS NT
108	RYAN C. EDER	Utility Worker	Counseling and Career Department	Contract COS NT
109	SAHID N. MANAGAY	Utility Worker	Graduate School	Contract COS NT
110	SAMMY D. KADINGILAN	Utility Worker	CVM Annex Building	Contract COS NT
111	SAMSUDIN M. WAGIA	Utility Worker	KEPLRC	Contract COS NT
112	TAKILID M. ANTAGAN	Utility Worker	IMEAS Old Building	Contract COS NT
113	TATO S. PANGA	Utility Worker	2nd Floor COM	Contract COS NT
114	TEODORICO JR. B. LEONILLO	Utility Worker	Graduate School	Contract COS NT
115	WARREN C. BANGCAS	Utility Worker	KEPLRC	Contract COS NT
116	YASSER M. GUIADEL	Utility Worker	Buluan Campus	Contract COS NT
117	YUSOP A. BATUA	Utility Worker	CBDEM	Contract COS NT

C.3. PDF of the maintenance personnel

LIST OF PPDS PERSONNEL



Machinery and Landscape

1. MAGONCIA, Rogelio
2. BUSELEY, Christopher
3. MOLINA, Arnold
4. PAGAYAO, Delfin
5. RUIZ, Artemio, Jr.
6. SENCIL, Meo
7. SENCIL, Ben

Water System

1. CABASAG, Charlie F.
2. DACANAY, Ronnie
3. SALONGA, Abdulkadil

Electrical

1. ENGR. ABRIL, Eugene Mars H.
2. AFDAL, Moem M.
3. BALIWAN, Butch
4. VITALES, Cesario III

Civil Works

1. NAVARRO, Marcelo L.
2. AQUINO, Amando G.
3. NICOLAS, Crisanto
4. DEANG, Reynaldo


BENJAMIN E. FORTINEZ, JR.
Director, PPDSO



ORGANIZATIONAL STRUCTURE

UNIVERSITY OF SOUTHERN MINDANAO

INFORMATION AND COMMUNICATION TECHNOLOGY OFFICE

