



MASTERLIST OF LABORATORY INSTRUMENTS AND EQUIPMENT

Category/Classification			Thermometry/ Pressure Gauges/Bath					
	Instrument/Equipment Name	Model	Date Acquired	Location / Department	Asset Tag/ID	Calibration Dates	Next Calibration Due Dates	Status
1.	Freeze Dryer	GT2		DoPAC- AC-207		Maintenance Only		Functional
2.	Fumehood (1)	CS 147		DoPAC- AC- 208		Once a year		For Repair
3.	Fumehood (2)			DoPAC- AC- 101		Once a year		Functional
4.	Fumehood	Labconco		DoPAC- AC-105		Maintenance Only		Functional
5.	Heating Mantle	Labline		DoPAC- AC-206		Maintenance Only		Functional
6.	Hotplate (Corning) 1	PC-400D	12-09-13	DoPAC- AC-107		Maintenance Only		Functional
7.	Hotplate (Corning) 2	PC-400D	12-09-13	DoPAC- AC-107		Maintenance Only		Functional
8.	Hotplate (Corning) 1	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
9.	Hotplate (Corning) 2	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
10.	Hotplate (Corning) 3	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
11.	Hotplate (Corning) 4	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
12.	Hotplate (Corning) 5	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional



13.	Hotplate (Corning) 6	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
14.	Hotplate (Corning) 7	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
15.	Hotplate (Corning) 8	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
16.	Hotplate (Corning) 9	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
17.	Hotplate (Corning) 10	PC-420D	01-10-22	DoPAC-AC -105		Maintenance Only		Functional
18.	Hot Waterbath 1 (DIGITAL)	Want HH-11-2	09-14-22	DoPAC-AC-107		Maintenance Only		Functional
19.	Hot Waterbath 2 (DIGITAL)	Want HH-11-2	09-14-22	DoPAC-AC-107		Maintenance Only		Functional
20.	Hot Waterbath 3 (DIGITAL)	Want HH-11-2	09-14-22	DoPAC-AC-107		Maintenance Only		Functional
21.	Oven (IEIO)	ON-II3		DoPAC- AC-105		Once a year		Functional
22.	Thermometer	Leybold Koln		DoPAC- AC-107		Once a year		Functional
23.	Refrigerator 1			DoPAC- AC-105		Maintenance Only		Functional
24.	Refrigerator 2			DoPAC- AC-108		Maintenance Only		For Repair
25.	Oven 1	Labline/Imperial III		DoPAC- AC-105		Once a year		Functional
26.	Oven 2	HotPack/ Supermatic		DoPAC- AC-105		Once a year		Functional
27.	Hydraulic Pressure			DoPAC- AC-207		Maintenance Only		Functional



28.	Acetylene Pressure Gauge			DoPAC –AC-101		Maintenance Only		Functional
29.	Rotary Evaporator	RV 10/ DS99		DoPAC- AC-207		Maintenance Only		Functional
30.	Sonicator	UC-20II	12-08-17	DoPAC- AC-101		Maintenance Only		Functional
31.	Vacuum Pump (Rocker)	Rocker 300	01-19-17	DoPAC- AC-101		Maintenance Only		Functional
32.	Vacuum Pump (Unifresh)	RS-2	11-05-18	DoPAC- AC-105		Maintenance Only		Functional
33.	Water Purifier	Direct Q 8UV-R	07-31-14	DoPAC- AC-105		Maintenance Only		For Repair
34.	Water Purifier	Direct Q 3UV-R	07-31-14	DoPAC- AC-105		Maintenance Only		For Repair
Category/Classification			Analysis and Measuring Instruments and Equipment					
35.	Analytical Balance (Kern)	ABS 220-4N		DoPAC- AC-105		Monthly	09/2023	Functional
36.	Analytical Balance (Shimadzu)	ATX 224		DoPAC- AC-105		Monthly	09/2023	Functional
37.	Analytical Balance (Radwag)	AS 220-R2	02-26-19	DoPAC- AC-101		Monthly	09/2023	Functional
38.	Centrifuge (Cole Parmer)	Vanguard		DoPAC- AC-105		Maintenance Only		Functional
39.	Centrifuge (Damon)	IEH-HNSII		DoPAC- AC-105		Maintenance Only		Functional
40.	Furnace	JFF 2000		DoPAC- AC-105		Maintenance Only		Functional
41.	Micro Pipettor, 2-20 μ L	Hirschmann-Laborgerate (Labopette)		DoPAC-AC-101		Once a Year		Functional



42.	Micro Pipettor, 20-100 μ L	Transferpette (W-Germany)		DoPAC-AC-101		Once a Year		Functional
43.	Micro Pipettor, 20-200 μ L	Hirschmann-Laborgerate (Labopette)		DoPAC-AC-101		Once a Year		Functional
44.	Micro Pipettor, 50-250 μ L	Transferpette (W-Germany)		DoPAC-AC-101		Once a Year		Functional
45.	Micro Pipettor, 100-1000 μ L	Hirschmann-Laborgerate (Labopette)		DoPAC-AC-101		Once a Year		Functional
46.	Micro Pipettor, 200-1000 μ L	GILSON		DoPAC-AC-101		Once a Year		Functional
47.	Micro Pipettor, 1000 μ L-5mL	VITLAB		DoPAC-AC-101		Once a Year		Functional
48.	Micro Pipettor, 0.5-10 μ L	LABOPETTE	09-14-22	DoPAC-AC-101		Once a Year		Functional
49.	Micro Pipettor, 10-100 μ L	LABOPETTE	09-14-22	DoPAC-AC-101		Once a Year		Functional
50.	pH meter pen type 1	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional
51.	pH meter pen type 2	pH 600	03-05-19	DoPAC- AC-105		Monthly		For Battery Replacement
52.	pH meter pen type 3	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional
53.	pH meter pen type 4	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional
54.	pH meter pen type 5	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional
55.	pH meter pen type 6	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional



56.	pH meter pen type 7	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional
57.	pH meter pen type 8	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional
58.	pH meter pen type 9	pH 600	03-05-19	DoPAC- AC-105		Monthly		For Battery Replacement
59.	pH meter pen type 10	pH 600	03-05-19	DoPAC- AC-105		Monthly		Functional
60.	Refractometer	Atago	06-19-17	DoPAC- AC-107		Maintenance Only		Functional
61.	Top Loading Balance 1	Pa 512	05-31-16	DoPAC- AC-106		Monthly	09/2023	Functional
62.	Top Loading Balance 2	Pa 512	05-31-16	DoPAC- AC-108		Monthly	09/2023	Functional
63.	Top Loading Balance 3	Pa 512	05-31-16	DoPAC- AC-206		Monthly	09/2023	Functional
64.	Top Loading Balance 4	Pa 512	05-31-16	DoPAC- AC-208		Monthly	09/2023	Functional
65.	Triple Beam Balance 1	TJ 2611	06-03-13	DoPAC- AC-107		Every Four Months	09/2023	Functional
66.	Triple Beam Balance 2	TJ 2611	06-03-13	DoPAC- AC-107		Every Four Months	09/2023	Functional
67.	Triple Beam Balance 3	TJ 2611	06-03-13	DoPAC- AC-107		Every Four Months	09/2023	Functional
68.	Triple Beam Balance 4	TJ 2611	06-03-13	DoPAC- AC-107		Every Four Months	09/2023	Functional
69.	Triple Beam Balance 5	TJ 2611	06-03-13	DoPAC- AC-107		Every Four Months	09/2023	Functional
70.	Triple Beam Balance 6	TJ 2611	06-03-13	DoPAC- AC-107		Every Four Months	09/2023	Functional



71.	Viscometer	50M468		DoPAC- AC-101		Maintenance Only		Functional
72.	Vortex Mixer	VTX-3000L		DoPAC- AC-101		Maintenance Only		Functional
73.	Colorimeter/ Spectroquant	Move 100	09-03-18	DoPAC- AC-101		Maintenance Only		Functional
74.	Multimeter/ DO meter	DO 700	08-2018	DoPAC- AC-101		Monthly		Functional
75.	Multimeterparameter	Biobase PH -900P	11-17-22	DoPAC- AC-101		Monthly		Functional
76.	Vaneometer	T12V	11-10-10	DoPAC- AC-101		Maintenance Only		Functional
77.	Durometer			DoPAC- AC-101		Maintenance Only		Functional
78.	Staining Glass Spray w/ Pump			DoPAC- AC-101		Maintenance Only		Functional
79.	Voltammeter	Metrom/884VA		DoPAC- AC-101		Maintenance Only		On-going Installation
Category/Classification			Containers, Glasswares and Liquid Handling					
80.	Beaker, Glass, 10mL	Pyrex		DoPAC-AC 107		N/A		Functional
81.	Beaker, Glass, 20mL	Pyrex		DoPAC-AC 107		N/A		Functional
82.	Beaker, Glass, 25mL	Pyrex		DoPAC-AC 107		N/A		Functional
83.	Beaker, Glass, 30mL	KIMAX		DoPAC-AC 107		N/A		Functional
84.	Beaker, Glass, 50mL	KIMAX		DoPAC-AC 107		N/A		Functional



85.	Beaker, Glass, 100mL	KIMAX/Pyrex		DoPAC-AC 107		N/A		Functional
86.	Beaker, Glass, 150mL	Boeco/KIMAX		DoPAC-AC 107		N/A		Functional
87.	Beaker, Glass, 250mL	Pyrex		DoPAC-AC 107		N/A		Functional
88.	Beaker, Glass, 400mL	Pyrex		DoPAC-AC 107		N/A		Functional
89.	Beaker, Glass, 500mL	Pyrex		DoPAC-AC 107		N/A		Functional
90.	Beaker, Glass, 600mL	KIMAX		DoPAC-AC 107		N/A		Functional
91.	Beaker, Glass, 800mL	KIMAX		DoPAC-AC 107		N/A		Functional
92.	Beaker, Glass, 1000mL	KIMAX		DoPAC-AC 107		N/A		Functional
93.	Beaker, Glass, 2000mL	KIMAX		DoPAC-AC 107		N/A		Functional
94.	Burette, Glass, 10mL	Pyrex		DoPAC-AC 107		N/A		Functional
95.	Burette, Glass, 25mL	Pyrex		DoPAC-AC 107		N/A		Functional
96.	Burette, Glass, 50mL	KIMAX/Pyrex		DoPAC-AC 107		N/A		Functional
97.	Centrifuge Tube, Glass, 15mL			DoPAC-AC 107		N/A		Functional
98.	Distilling Flask, Glass, 50mL	KIMAX		DoPAC-AC 107		N/A		Functional
99.	Distilling Flask, Glass, 250mL	KIMAX		DoPAC-AC 107		N/A		Functional

Vision:

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100.	Distilling Flask, Glass, 500mL	KIMAX		DoPAC-AC 107		N/A		Functional
101.	Distilling Flask, Glass, 1000mL	KIMAX		DoPAC-AC 107		N/A		Functional
102.	Erlenmeyer Flask, Glass, 25mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
103.	Erlenmeyer Flask, Glass, 50mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
104.	Erlenmeyer Flask, Glass, 100mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
105.	Erlenmeyer Flask, Glass, 125mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
106.	Erlenmeyer Flask, Glass, 200mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
107.	Erlenmeyer Flask, Glass, 250mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
108.	Erlenmeyer Flask, Glass, 500mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
109.	Erlenmeyer Flask, Glass, 1000mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
110.	Erlenmeyer Flask, Glass, 2000mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
111.	Filter Flask, Glass, 250mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
112.	Filter Flask, Glass, 500mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
113.	Filter Flask, Glass, 1000mL	Pyrex/KIMAX		DoPAC-AC 107		N/A		Functional
114.	Florence Flask, Glass, 50mL	Duran		DoPAC-AC 107		N/A		Functional



115.	Florence Flask, Glass, 250mL	Duran		DoPAC-AC 107		N/A		Functional
116.	Florence Flask, Glass, 500mL	Duran		DoPAC-AC 107		N/A		Functional
117.	Florence Flask, Glass, 1000mL	Duran		DoPAC-AC 107		N/A		Functional
118.	Graduated Cylinder, Glass, 10mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
119.	Graduated Cylinder, Glass, 25 mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
120.	Graduated Cylinder, Glass, 50 mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
121.	Graduated Cylinder, Glass, 100mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
122.	Graduated Cylinder, Glass, 250mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
123.	Graduated Cylinder, Glass, 500mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
124.	Graduated Cylinder, Glass, 1000mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
125.	Graduated Pipette, Glass, 0.2mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
126.	Graduated Pipette, Glass, 0.25mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
127.	Graduated Pipette, Glass, 0.5mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
128.	Graduated Pipette, Glass, 1mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
129.	Graduated Pipette, Glass, 2mL	Pyrex		DoPAC-AC 107		Once a Year		Functional



130	Graduated Pipette, Glass, 5mL	Pyrex		DoPAC-AC 107		Once a Year	Functional
131	Graduated Pipette, Glass, 10mL	Pyrex		DoPAC-AC 107		Once a Year	Functional
132	Graduated Pipette, Glass, 25mL	Pyrex		DoPAC-AC 107		Once a Year	Functional
133	Separatory Funnel, Glass, 50mL	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
134	Separatory Funnel, Glass, 100mL	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
135	Separatory Funnel, Glass, 250mL	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
136	Separatory Funnel, Glass, 500mL	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
137	Separatory Funnel, Glass (short stem), 500mL	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
138	Test Tube, Glass, Large	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
139	Test Tube, Glass, Extra Medium	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
140	Test Tube, Glass, (13x100)	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
141	Test Tube, Glass, (16x100)	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
142	Test Tube, Glass, (16x125)	Pyrex/Duran		DoPAC-AC 107		N/A	Functional
143	Volumetric Flask, Glass, 10mL	Pyrex		DoPAC-AC 107		Once a Year	Functional
144	Volumetric Flask, Glass, 25mL	Pyrex		DoPAC-AC 107		Once a Year	Functional



145	Volumetric Flask, Glass, 50mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
146	Volumetric Flask, Glass, 100mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
147	Volumetric Flask, Glass, 250mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
148	Volumetric Flask, Glass, 500 mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
149	Volumetric Flask, Glass, 1000mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
150	Volumetric Flask, Glass, 2000mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
151	Volumetric Pipette, Glass, 5mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
152	Volumetric Pipette, Glass, 10mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
153	Volumetric Pipette, Glass, 25mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
154	Volumetric Pipette, Glass, 50mL	Pyrex		DoPAC-AC 107		Once a Year		Functional
155	Reagent Bottle, Clearground Glass, 500mL			DoPAC-AC 107		N/A		Functional
156	Reagent Bottle, Clearground Glass, 1000mL			DoPAC-AC 107		N/A		Functional
157	Reagent Bottle, Amberground Glass, 500mL			DoPAC-AC 107		N/A		Functional
158	Reagent Bottle, Amberground Glass, 1000mL			DoPAC-AC 107		N/A		Functional



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Category/Classification			Special Purpose Laboratory Equipment and Instruments					
159	Atomic Absorption Spectrophotometer (AAS)	AA 7000	01-19-17	DoPAC- AC-101		Once a Year		Functional
160	Fourier Transform Infrared Spectrophotometer	Spectrum 2	07-14-17	DoPAC- AC-101		Once a Year	April 2022	Functional
161	Spectrophotometer Double Beam(UV-Vis 1800)	UV 1800		DoPAC- AC-101		Once a Year		Functional
162	Ultra-Performance Liquid Chromatography (UPLC)	Nexera X2	01-19-17	DoPAC- AC-101		Once a Year		Functional
163	Ultraviolet Fluorescence Analysis Cabinet (UV-Viewer)	CC 80/F	11-04-17	DoPAC- AC-101		Once a Year		Functional
164	N-Analyzer(Digester, Distillation, Scrubber, Chiller)	Kjeltec 8200	01-26-16	DoPAC- AC-208		Once a Year	July 2022	Functional

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