



University of Bengkulu
Faculty of Agriculture
Bachelor in Marine Science

List of Equipment

No.	Name	Specification	Qty	Unit	Quality		
					G	B	L
1	Analytical balance	Pyrex Iwaki	3	pcs	√		
2	Aquarium	glass	8	pcs	√		
3	Arloji glass	glass	9	pcs	√		
4	Spatula	glass	50	pcs	√		
5	beaker glass 100 ml	Pyrex iwaki	10	pcs	√		
6	beaker glass 1000 ml	Pyrex iwaki	9	pcs	√		
7	beaker glass 200 ml	Pyrex iwaki	8	pcs	√		
8	beaker glass 250 ml	Pyrex iwaki	8	pcs	√		
9	beaker glass 50 ml	Pyrex iwaki	14	pcs	√		
10	beaker glass 500 ml	Pyrex iwaki	30	pcs	√		
11	Big dropper	glass	52	pcs	√		
12	bottle BOD 100 ml	Normax	10	pcs	√		
13	bottle BOD 300 ml	Normax	10	pcs	√		
14	bottle Duran 100 ml	Normax	8	pcs	√		
15	bottle Duran 1000 ml	Normax	10	pcs	√		
16	bottle Duran 500 ml	Normax	9	pcs	√		
17	Spray bottle	-	4	pcs	√		
18	Spray bottle 250 ml	-	4	pcs	√		
19	Spray bottle 500 ml	-	1	pcs	√		
20	bottle Winkler 100 ml	Normax	5	pcs	√		
21	bottle Winkler 1000 ml	Normax	9	pcs	√		
22	bottle Winkler 250 ml	Normax	9	pcs	√		
23	bottle Winkler 500 ml	Normax	4	pcs	√		
24	Bunsen / Pembakar	-	13	pcs	√		
25	Buret 25 ml	Pyrex iwaki	8	pcs	√		
26	Buret 50 ml	Pyrex iwaki	5	pcs	√		
27	Cover preparat	glass	25	box	√		
28	Desikator	glass	2	pcs	√		
29	Erlenmeyer 100 ml	Pyrex iwaki	7	pcs	√		
30	Erlenmeyer 1000 ml	Pyrex iwaki	5	pcs	√		
31	Erlenmeyer 250 ml	Pyrex iwaki	3	pcs	√		
32	Erlenmeyer 300 ml	Pyrex iwaki	1	pcs	√		
33	Erlenmeyer 500 ml	Pyrex iwaki	17	pcs	√		
34	Funnel	glass	4	pcs	3	1	
35	Glass tube	-	200	pcs	√		
36	Petri dish	Pyrex iwaki	5	pcs	√		
37	petri dish big	Pyrex iwaki	54	pcs	40	14	
38	petri dish small	Pyrex iwaki	54	pcs	53	1	
39	plat desikator		2	pcs	√		

40	porselen		21	pcs	√		
41	Small dropper	glass	50	pcs	√		
42	Tabung U-Tube	Merck, Pro Analyst	5	box	√		
43	Test tube	Pyrex iwaki	56	pcs	√		
44	Test tube 10 ml	Pyrex iwaki	69	pcs	√		
45	Test tube 5 ml	Pyrex iwaki	13	pcs	√		
46	Test tube rack	Kayu dan Plastik	4	pcs	√		
47	volume pipette 0,5 ml	Pyrex iwaki	3	pcs	√		
48	volume pipette 1 ml	Pyrex iwaki	4	pcs	√		
49	volume pipette 10 ml	Pyrex iwaki	4	pcs	√		
50	volume pipette 2 ml	Pyrex iwaki	24	pcs	√		
51	volume pipette 5 ml	Pyrex iwaki	5	pcs	√		
52	volumetric flask 100 ml	Pyrex iwaki	4	pcs	√		
53	volumetric flask 250 ml	Pyrex iwaki	4	pcs	√		
54	volumetric flask 50 ml	Pyrex iwaki	3	pcs	√		
55	volumetric flask 100 ml	Pyrex iwaki	4	pcs	√		
56	volumetric flask 1000 ml	Pyrex iwaki	9	pcs	√		
57	volumetric flask 250 ml	Pyrex iwaki	9	pcs	√		
58	volumetric flask 50 ml	Pyrex iwaki	4	pcs	√		
59	volumetric flask 500 ml	Pyrex iwaki	14	pcs	√		
60	Water Sampler	Iron	2	pcs	√		
61	Weight	glass	3	box	√		
62	Yellow Tip	-	50	pcs	√		
63	Autoclave	Hirayama	1	pcs	√		
64	Bushnell marine	Binocular / 7x 50mm	1	pcs	√		
65	Under water camera housing	Canon / WP-DC47	1	pcs		√	
66	Clinometer	Sunnto	2	pcs	√		
67	CO2 monitor	Extech Instruments	1	pcs	√		
68	Colorimeter	COD 3 plus / La motte	1	pcs	√		
69	Compass	Sunnto kb-series	3	pcs	√	1	
70	Conductivity meter	-	1	pcs	√		
71	Cooler box	Green leaf	1	pcs	√		
72	CTD		1	packet	√		
73	Current meter		1	packet	√		
74	DO meter	Luxtron / Do-5510	3	pcs	√		
75	Echo sounder		1	pcs	√		
76	Environment multimeter	-	2	pcs	√		
77	Filter paper 125 mm	Whatman	1	box	√		
78	Filter paper 47 mm	Whatman	1	box	√		
79	Filter paper 47 mm (steril)	Whatman	1	box	√		
80	Filter paper nomor 42	Whatman	1	box	√		
81	Freeze Dryer		1	pcs	√		
82	Freezer	Sharp	1	unit	√		
83	FTIR	Thermo scientific nicolet iS5	1	pcs	√		
84	GPS	Garmin	2	pcs	√		
85	Hand counter	-	2	pcs	√		

86	Hanging scales	Kern HCB 50k20 / 20g-50kg	1	pcs	√		
87	Hanging scale	Kern HCB 100k200 / 20g-100kg	1	pcs	√		
88	Hemacytometer	Cambridge Instruments Inc	2	pcs	√		
89	Hotplate stirrer	Eyela	2	pcs	√	1	
90	housing underwater camera		1	unit		√	
91	Camera	Canon / Power shot	1	pcs		√	
92	Laminar Air Flow	MedFuture	1	pcs	√		
93	Magnifying glass	Classic Magnifier D-90mm	6	pcs	√		
94	Lux meter	Light meter Lx-103	1	pcs	√		
95	Micropipet		2	pcs	√		
96	Microskop	Boeco Germany	8	unit	√		
97	Multi parameter analysis	Consort / C5020	2	pcs		√	
98	Oven		1	pcs	√		
99	Pompa air	Amphibia pump / sum-5	1	pcs	√		
100	Portable pH/ EC/ TDS/ Temperature meter	Hanna Instruments	1	pcs	√		
101	Refraktometer	Atago S/Mill	5	pcs	√	3	
102	Roll meter	Sellery 100m / 330ft	3	pcs		√	
103	Rotary Evaporator		1	pcs	√		
104	Salinometer digital		1	pcs	√		
105	Scales	-	3	pcs	√		
106	Sechi Disk	Plastik & Kayu	2	pcs	√		
107	Sediment sieve 12 inch	USA. Ws. Tyler	3	pcs	√		
108	Sediment sieve 8 inch	USA. Ws. Tyler	2	pcs	√		
109	Soil ph meter		1	pcs	√		
110	Spatula	Stainless	12	pcs	√		
111	Spectrophotometer	Apel / PD-303S	1	pcs	√		
112	Stabilizer	Muntana	1	pcs	√		
113	Stabilizer	Hitech / HT-500	1	pcs	√		
114	Surgical tool	-	12	set	√		
115	TDS meter	Merck, Pro Analyst	2	pcs	√		
116	Telescope	Bushnell	1	pcs	√		
117	Tidal board	wood	1	pcs	√		
118	Transducer		1	pcs	√		
119	Tube clamp	wood	4	pcs	√		
120	Tweezers	wood	20	pcs	√		
121	Vacuum pump	Jung Woo / W2V10	1	pcs	√		
122	Vernier Caliper		8	pcs	√		
123	Vortex / Centrifuge	Biosan multi spin / MSC-6000 / MSC-3000	1	pcs	√		
124	BCD	Amscud	7	pcs	√		
125	Belt		6	pcs	√		
126	Bulb pipette	rubber	17	pcs	√		

127	Fins Full set	Amscud	2	pcs	√		
128	Fins	Amscud	6	pcs	√		
129	Life jacket		9	pcs	3	6	
130	Mask	Amscud	13	pcs	√		
131	Regulator	Amscud	7	pcs	√		
132	Scuba boots	Amscud	10	pcs	√		
133	Snorkel	Zeeopro	6	pcs	√		
134	Diving tube	Amscud	12	pcs	√		
135	Weight		41	pcs	√		
136	Wetsuit	Amscud	8	pcs	√		

List of Chemical Substances

No.	Name	Specification	Qty	per	Condition		
					G	B	L
1	Ammonia solution 28%	Merck, Pro Analyst	2.5	liter	√		
2	Ammonium chloride	Merck, Pro Analyst	3	kg	√		
3	Ammonium standard	Merck, Pro Analyst	500	ml	√		
4	Ammonium test	Merck, Pro Analyst	100	test	√		
5	Ascorbic acid	Merck, Pro Analyst	100	gram	√		
6	Bod cell test	-	50	test	√		
7	Buffer solution	-	1.5	liter	√		
8	Cadmium	Merck, Pro Analyst	250	gram	√		
9	Cadmium test	Merck, Pro Analyst	55	test	√		
10	Calcium cell test	Merck, Pro Analyst	25	test	√		
11	Calcium chloride	Merck, Pro Analyst	500	gram	√		
12	Calcium fluoride	Merck, Pro Analyst	2	kg	√		
13	Calciumsulfat-Dihydrat	Merck, Pro Analyst	500	gram	√		
14	Chitosan	-	1	bottle	√		
15	Chlorine test	Merck	400	test	√		
16	Cod cell test	-	25	test	√		
17	Di-potassium hydrogen phosphate (HK ₂ O ₄ P)	Merck, Pro Analyst	1	kg	√		
18	Ethanol	Merck, Pro Analyst	10	liter	√		
19	Fer (II) sulfate heptahydrate	Merck, Pro Analyst	1	kg	√		
20	Iodine indicator	Merck, Pro Analyst	100	gram	√		
21	Iodine solution	Merck, Pro Analyst	1	liter	√		
22	Iron(II) sulfate heptahydrate	Merck, Pro Analyst	1	bottle	√		
23	Kalium Bromida	Merck, Pro Analyst	500	gram	√		
24	Kalsium sulfat	Merck, Pro Analyst	500	gram	√		
25	Magnesium sulfate heptahydrate	Merck, Pro Analyst	2.5	kg	√		
26	Mercury (II) nitrate monohydrate	Merck, Pro Analyst	50	gram	√		
27	Methanol	Merck, Pro Analyst	25	liter	√		
28	Methyl orange	Merck, Pro Analyst	25	gram	√		

29	N-(1-naphthyl) ethylene-diamine dihydrochloride	Merck, Pro Analyst	5	gram	√		
30	Natrium nitrat	Merck, Pro Analyst	500	gram	√		
31	Natrium sulfate	Merck, Pro Analyst	1	kg	√		
32	Nitrate cell test	Merck, Pro Analyst	25	test	√		
33	Nitrate standard solution	Merck, Pro Analyst	700	ml	√		
34	Nitrite standard solution	Merck, Pro Analyst	600	ml	√		
35	Nitrogen (total) cell test	Merck, Pro Analyst	25	test	√		
36	ortho-Phosphoric acid 85%	Merck, Pro Analyst	1	liter	√		
37	Oxalic acid dihydrate	Merck, Pro Analyst	2	kg	√		
38	pH standard solution	Merck, Pro Analyst	1	bottle	√		
39	pH meter	Merck, Pro Analyst	4	pcs	√	2	
40	Phenol	Merck, Pro Analyst	250	gram	√		
41	Phenolphthalein	Merck, Pro Analyst	50	gram	√		
42	Phosphate cell test	Merck, Pro Analyst	75	test	√		
43	Phosphate standard solution	Merck, Pro Analyst	500	ml	√		
44	Potassium chloride	Merck, Pro Analyst	1	kg	√		
45	Potassium dichromate	Merck, Pro Analyst	500	gram	√		
46	Potassium hydrogen	Merck, Pro Analyst	1	kg	√		
47	Potassium hydroxide	Merck, Pro Analyst	2	kg	√		
48	Pottasium antimony(III) oxide tartrate trihydrate	Merck, Pro Analyst	250	gram	√		
49	Pottasium hexacyanoferrate (II) trihydrate	Merck, Pro Analyst	500	gram	√		
50	Pottasium nitrate	Merck, Pro Analyst	500	gram	√		
51	Pottasium sulafte	Merck, Pro Analyst	1	box	√		
52	Saliycylic acid	Merck, Pro Analyst	1	kg	√		
53	Selenium reagent mixture	Merck, Pro Analyst	250	gram	√		
54	Silica gel	Merck, Pro Analyst	2	kg	√		
55	Silica gel with moisture indicator (brown gel)	Merck, Pro Analyst	1	kg	√		
56	Silicate (silicic acid) test	Merck, Pro Analyst	100	test	√		
57	Sodium asetat	Merck, Pro Analyst	250	gram	√		
58	sodium carbonate	Merck, Pro Analyst	100	gram	√		
59	Sodium hydroxide	Merck, Pro Analyst	1	kg	√		
60	Sodium hydroxide	Merck, Pro Analyst	1	kg	√		
61	Sodium metaperiodate	Merck, Pro Analyst	50	gram	√		
62	Sodium nitrate	Merck, Pro Analyst	1	box	√		
63	Sodium permananganete	Merck, Pro Analyst	250	gram	√		
64	Sodium sulfate	Merck, Pro Analyst	500	gram	√		
65	Sodium sulfate	Merck, Pro Analyst	1	bottle	√		
66	Sulfanilamide	Merck, Pro Analyst	50	gram	√		
67	Sulfate cell test	Merck, Pro Analyst	25	test	√		
68	Sulfite test	Merck, Pro Analyst	150	test	√		
69	sulfuric acid -D2 96% solution in D2O	Merck, Pro Analyst	25	gram	√		
70	Sulphuric acid	Merck, Pro Analyst	1	bottle	√		

71	Sulphuric acid 95-97%	Merck, Pro Analyst	2.5	liter	√		
72	Test kit Boraks	-	2	box	√		
73	Test kit Formalin	-	2	box	√		
74	Tetra-Natrium diphosphate decahydrate	Merck, Pro Analyst	50	gram	√		
75	Thermometer	Merck, Pro Analyst	12	pcs	√		
76	Titriplex III	Merck, Pro Analyst	100	gram	√		
77	tri-Sodium citrate dihydrate	Merck, Pro Analyst	2.5	kg	√		
78	Tri-sodium citrate dihydrate	Merck, Pro Analyst	2	bottle	√		
79	tri-Sodium phosphate deodecahydrate	Merck, Pro Analyst	1	kg	√		
80	Zinc Nitrate Hexahydrate	Merck, Pro Analyst	1	bottle	√		
81	Zinc oxide	Merck, Pro Analyst	1	bottle	√		