

LIST OF EQUIPMENT – FOOD TECHNOLOGY LAB (LA.101A)

No.	Equipment's Name	Model	Manufacturer	Quantity
1	High-performance Liquid Chromatography	UltiMate 3000	DIONEX, USA	1
2	Spray-dryer	SD-06A	Lab Plant, UK	1
3	Supercritical CO ₂ Extraction Device	TH12-1	Chendong Machine, China	1
4	Homogenizer	HG-15A	Daihan, Korea	1
5	Spectrophotometer	Genesys 10S UV-Vis	Thermo, USA	1
6	Kjeldahl system (Digestion unit + distillation unit)	S 2	Behr, Germany	1
7	Nanopure water system	E-Pure 3 holder	Thermo, USA	1
8	Drying oven	UNE700	Memmert, Germany	1
9	Shaking incubator	KS 4000ic control	IKA, Germany	1
10	Refrigerator	SBC337KD	Sanyo, Thailand	2
11	Ultra-low temperature freezer	DW-65GL538	MRC lab, Israel	1
12	Water bath	WCB-22	Daihan, Korea	4
13	Grinder	A11 Basic	IKA, Germany	1
14	Sieve shaker	AS 200 Basic	Retsch, Germany	1
15	Infrared moisture balance	MOC-120H	Shimazu, Japan	1
16	2-digit balance	TXB-622L	Shimazu, Japan	2

17	4-digit balance	ATX-224	Shimazu, Japan	1
18	Hot Plate	RH Basic 2	IKA, Germany	6
19	pH meter	HI 2216-02	Hanna, Italy	1
20	pH meter	HI 9126	Hanna, Italy	2
21	Vacuum filter system	N 811 KN.18	Kimble, USA	4
22	Sonicator	WUC-A10H	Daihan, Korea	1
23	Fume hood		Vietnam	1
24	Dessicator		Duran, Germany	3
25	Vortex mixer	Vortex genius 3	IKA, Germany	4
26	Thin-layer Chromatography	230 VOLTS	General Glassblowing, USA	1
27	Distilled-water system	Aquatron A4000D	Bibby, UK	1
28	Viscometer	LVDV-E	Brookfield, USA	1
29	Refrigerated centrifuge	Z326K	Hermle, Germany	1
30	Chemical storage cabinet		Vietnam	1
31	Ventilated drying oven	SLW 53 ECO	Poland	1
32	Refractometer	RX-5000	Antago, Japan	1
33	Grain moisture tester	Riceter f-511	Kett, Japan	1
34	Milling	LM120	Perten, Filand	1
35	Spectrophotometer	V730	JAs.co, Japan	1
36	Digital Muffle Furnaces	FHX-14	DAIHA, Korea	1
37	Centrifuged rotor	221.18 V02	Hermle, Germany	1
38	Nanopure filter system	D4632-33	Thermo- Barnstead, USA	1