

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
1	Integrated Research and Testing Laboratories (LPPT)	Argentometry	NaCl
2	Integrated Research and Testing Laboratories (LPPT)	Autoclave	Sterilization
3	Integrated Research and Testing Laboratories (LPPT)	Ball Mill	Ball Mill
4	Integrated Research and Testing Laboratories (LPPT)	Bomb Calorimeter	Calorific Value
5	Integrated Research and Testing Laboratories (LPPT)	By Difference	Carbohydrate
6	Integrated Research and Testing Laboratories (LPPT)	Cell Counting Kit (CCK) Assay	Adhesion Test
7	Integrated Research and Testing Laboratories (LPPT)	Cell Cryopreservation	Storage at -80 °C
8	Integrated Research and Testing Laboratories (LPPT)	Cell Cryopreservation	Storage of Cells on Liquid Nitrogen
9	Integrated Research and Testing Laboratories (LPPT)	Cell Cultivation	Purchase of Subculture Cells in T75 Flask
10	Integrated Research and Testing Laboratories (LPPT)	Cell Cultivation	Culture and Cell Propagation
11	Integrated Research and Testing Laboratories (LPPT)	Densito	Scanning
12	Integrated Research and Testing Laboratories (LPPT)	Destilation	Stem/Skin/Root/Fruit/Seed Distillation
13	Integrated Research and Testing Laboratories (LPPT)	Destilation	Distillation of leaves/flowers/rhizome/herbs/tubers
14	Integrated Research and Testing Laboratories (LPPT)	Destilation	Moisture Content in Oil
15	Integrated Research and Testing Laboratories (LPPT)	DNA Sequencing	Bacterial Identification Sequencing (Micro Seq)

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No	Testing Laboratories	Methods	Parameter
16	Integrated Research and Testing Laboratories (LPPT)	DNA Sequencing	Blast/Phylogenetik
17	Integrated Research and Testing Laboratories (LPPT)	DNA Sequencing	Contiq
18	Integrated Research and Testing Laboratories (LPPT)	DNA Sequencing	Fragment Analysis
19	Integrated Research and Testing Laboratories (LPPT)	DNA Sequencing	General Sequencing Produk PCR 1 Primer Forward
20	Integrated Research and Testing Laboratories (LPPT)	DNA Sequencing	General Sequencing Produk PCR 1 Primer Reverse
21	Integrated Research and Testing Laboratories (LPPT)	Differential Scanning Calorimeter (DSC) 60	DSC
22	Integrated Research and Testing Laboratories (LPPT)	Differential Scanning Calorimeter (DSC) 61	DSC, Suhu 30 s/d 300 °C, Heat Rate 10 °C/menit
23	Integrated Research and Testing Laboratories (LPPT)	Differential Scanning Calorimeter (DSC) 62	DSC, Suhu 30 s/d 600 °C, Heat Rate 10 °C/menit
24	Integrated Research and Testing Laboratories (LPPT)	DTG	DTA/TGA s.d 300 °C
25	Integrated Research and Testing Laboratories (LPPT)	DTG	DTA/TGA s.d 600 °C
26	Integrated Research and Testing Laboratories (LPPT)	Extraction	Fractionation
27	Integrated Research and Testing Laboratories (LPPT)	Extraction	Maceration
28	Integrated Research and Testing Laboratories (LPPT)	Extraction	Percolation
29	Integrated Research and Testing Laboratories (LPPT)	Extraction	Soxhletation
30	Integrated Research and Testing Laboratories (LPPT)	ELISA dengan KIT	Testing with KIT Reagents

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No	Testing Laboratories	Methods	Parameter
31	Integrated Research and Testing Laboratories (LPPT)	Evaporation	Evaporation Less Than or Equal to 2 Liters
32	Integrated Research and Testing Laboratories (LPPT)	Photometric	Albumin
33	Integrated Research and Testing Laboratories (LPPT)	Photometric	<i>Alkaline Phosphat (ALP)</i>
34	Integrated Research and Testing Laboratories (LPPT)	Photometric	Uric Acid
35	Integrated Research and Testing Laboratories (LPPT)	Photometric	Total Bilirubin
36	Integrated Research and Testing Laboratories (LPPT)	Photometric	Calsium
37	Integrated Research and Testing Laboratories (LPPT)	Photometric	HDL
38	Integrated Research and Testing Laboratories (LPPT)	Photometric	Glucose Levels
39	Integrated Research and Testing Laboratories (LPPT)	Photometric	Potassium
40	Integrated Research and Testing Laboratories (LPPT)	Photometric	Total Cholesterol
41	Integrated Research and Testing Laboratories (LPPT)	Photometric	Creatinine
42	Integrated Research and Testing Laboratories (LPPT)	Photometric	LDL
43	Integrated Research and Testing Laboratories (LPPT)	Photometric	Phospor
44	Integrated Research and Testing Laboratories (LPPT)	Photometric	Phosphate
45	Integrated Research and Testing Laboratories (LPPT)	Photometric	Protein

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46	Integrated Research and Testing Laboratories (LPPT)	Photometric	SGOT/AST
47	Integrated Research and Testing Laboratories (LPPT)	Photometric	SGPT/ALT
48	Integrated Research and Testing Laboratories (LPPT)	Photometric	Triglycerides
49	Integrated Research and Testing Laboratories (LPPT)	Photometric	Urea
50	Integrated Research and Testing Laboratories (LPPT)	FTIR/IR	Additional Fee for Scanning Results
51	Integrated Research and Testing Laboratories (LPPT)	FTIR/IR	Identification of Lard
52	Integrated Research and Testing Laboratories (LPPT)	FTIR/IR	Absorbance/Transmittance Scanning *(either) (400-4000 1/cm) with KBr
53	Integrated Research and Testing Laboratories (LPPT)	FTIR/IR	Absorbance/Transmittance Scanning *(either) (650-4000 1/cm) without KBr
54	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography - Mass Spectrometry (GCMS)	Resveratrol
55	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography - Mass Spectrometry (GCMS)	Screening
56	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography - Mass Spectrometry (GCMS)	Screening GCMS Headspace
57	Integrated Research and Testing Laboratories (LPPT)	Granulation	Granule Manufacturing
58	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Organic Materials
59	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Specific Gravity
60	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	C-Organic

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61	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Carbon
62	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Ash Content
63	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Acid Insoluble Ash Content
64	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Water Content
65	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Water Soluble Extract Content
66	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Ethanol Soluble Juice Content
67	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Total Fat
68	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Incineration
69	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Drying
70	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Weighing
71	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	Coarse Fiber
72	Integrated Research and Testing Laboratories (LPPT)	Gravimetry	TSS
73	Integrated Research and Testing Laboratories (LPPT)	Hematology Analyzer	Routine Blood
74	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Abamectin
75	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Acrylamide

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No	Testing Laboratories	Methods	Parameter
76	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Arabinosa (Gula)
77	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Acetic Acid
78	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Butyric Acid
79	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Ferulic Acid
80	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Formic Acid
81	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Fumaric Acid
82	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Lactic Acid
83	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Malic Acid
84	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Oxalic Acid
85	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Organic Acids-Basic Costs
86	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Propionic Acid
87	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Salicylic Acid
88	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Citric Acid
89	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Succinic Acid
90	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	D(+) Xylose (Sugar)

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No	Testing Laboratories	Methods	Parameter
91	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Ferrulic Acid
92	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	FOS
93	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Fructose
94	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Galactose (Sugar)
95	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Galacturonic Acid (Sugar)
96	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Glucuronic Acid (Sugar)
97	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Glucose
98	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Sugar (Basic Cost)
99	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	IAA (Indol Acetic Acid)
100	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Simvastatin in Blood Plasma
101	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Ciprofloxacin in Blood Plasma
102	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Inulin
103	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	L-Fucosa
104	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Lactose (Sugar)
105	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Lactulose (Sugar)

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106	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Maltose (Sugar)
107	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Mannose (Sugar)
108	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Active Ingredients Testing
109	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Raffinose (Sugar)
110	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Ramnose (Sugar)
111	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Resveratrol
112	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Scanning
113	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Stachyose (Sugar)
114	Integrated Research and Testing Laboratories (LPPT)	High Performance Liquid Chromatography (HPLC)	Theobromine
115	Integrated Research and Testing Laboratories (LPPT)	High Resolution Mass Spectrometry (HRMS)	Targeted HRMS
116	Integrated Research and Testing Laboratories (LPPT)	High Resolution Mass Spectrometry (HRMS)	HRMS Screening (Metabolomics)
117	Integrated Research and Testing Laboratories (LPPT)	High Resolution Mass Spectrometry (HRMS)	HRMS Screening (Proteomics)
118	Integrated Research and Testing Laboratories (LPPT)	High Resolution Mass Spectrometry (HRMS)	Metabolomics and Targeted Screening
119	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Ag (Silver)
120	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	As (Arsen)

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121	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Au
122	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	B (Boron)
123	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Ca (Calcium)
124	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	CaCO ₃
125	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	CaO
126	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Cd (Cadmium)
127	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Co (Cobalt)
128	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Cr (Chromium)
129	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Cu (Copper)
130	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Fe (Iron)
131	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Fe ₂ O ₃
132	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	K (Potassium)
133	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	K ₂ O
134	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	CaCO ₃ Equivalent Hardness
135	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	MgCO ₃ Equivalent Hardness

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No	Testing Laboratories	Methods	Parameter
136	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Mg (Magnesium)
137	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	MgO
138	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Mn (Manganese)
139	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Na (Sodium)
140	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Na ₂ CO ₃
141	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Ni (Nickel)
142	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Pb (Lead)
143	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Pt (Platinum)
144	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Se (Selenium)
145	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Sn (Tin)
146	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Sr
147	Integrated Research and Testing Laboratories (LPPT)	Induction Coupled Plasma (ICP)	Zn (Zinc)
148	Integrated Research and Testing Laboratories (LPPT)	IKU/7.2/RT-PCR-01 (RT-PCR)	Pork Contamination
149	Integrated Research and Testing Laboratories (LPPT)	IKU/7.2/RT-PCR-02(RT-PCR)	Transgenic
150	Integrated Research and Testing Laboratories (LPPT)	IKU/7.2/RT-PCR-03(RT-PCR)	Pork Gelatin

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No	Testing Laboratories	Methods	Parameter
151	Integrated Research and Testing Laboratories (LPPT)	Infundation	Infundation
152	Integrated Research and Testing Laboratories (LPPT)	Blood Isolation for Monocyte Culture	Blood Isolation for Monocyte Culture
153	Integrated Research and Testing Laboratories (LPPT)	Kjeldahl	Total N
154	Integrated Research and Testing Laboratories (LPPT)	Kjeldahl	Protein
155	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Alkaloids (Qualitative)
156	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Andrographolide (Quantitative)
157	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Andrograpolid (Qualitative)
158	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Gallic Acid (Qualitative)
159	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Gallic Acid (Quantitative)
160	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Mefenamic Acid (Qualitative)
161	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Ascorbic Acid (Vitamin C) (Quantitative)
162	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Beta Carotene (Qualitative)
163	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Beta-sitosterol (Qualitative)
164	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Beta-sitosterol (Quantitative)
165	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Borneol (Qualitative)

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No	Testing Laboratories	Methods	Parameter
166	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Brucine (Quantitative)
167	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Brucine (Qualitative)
168	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Caffeine (Qualitative)
169	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Caffeine (Quantitative)
170	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Capsaicin (Quantitative)
171	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Carvacrol (Qualitative)
172	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Cinnamaldehyde (Qualitative)
173	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Citral (Qualitative)
174	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Codeine (Qualitative)
175	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Codeine (Quantitative)
176	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Curcumin (Qualitative)
177	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Curcumin (Quantitative)
178	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Cysteine (Quantitative)
179	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Dexamethasone (Qualitative)
180	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Dexamethasone (Quantitative)

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No	Testing Laboratories	Methods	Parameter
181	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Diazepam (Qualitative)
182	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Epigallocatechin gallate (Qualitative)
183	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Epigallocatechin gallate (EGCG) (Quantitative)
184	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Ethyl Para Methoxy Cinnamate (Qualitative)
185	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Ethyl Para Methoxy Cinnamate (Quantitative)
186	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Phenol (Qualitative)
187	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Flavonoids (Qualitative)
188	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Plate's Photo
189	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Hydroquinone (Qualitative)
190	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	IAA (Indol Acetic Acid)
191	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Catechins (Qualitative)
192	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Limonene (Qualitative)
193	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Metamil Yellow
194	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Nicotine (Qualitative)
195	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Nicotine (Quantitative)

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196	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Nipasol/Propylparaben (Quantitative)
197	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Compound Orientation
198	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Paracetamol (Qualitative)
199	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Spraying
200	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Quercetin (Quantitative)
201	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Quercetin (Qualitative)
202	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Quinine (Qualitative)
203	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Quinine (Quantitative)
204	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Resveratrol (Quantitative)
205	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Rhodamine B (Quantitative)
206	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Rhodamine B (Qualitative)
207	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Routine (Qualitative)
208	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Saponins (Qualitative)
209	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Scanning
210	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Sildenafil

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211	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Steroid (Kualitatif)
212	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Steroids (Quantitative)
213	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Stigmasterol (Quantitative)
214	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Stigmasterol (Qualitative)
215	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Tannins (Qualitative)
216	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Terpeniol (Qualitative)
217	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Terpenoids (Qualitative)
218	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Thymoquinone (Qualitative)
219	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Thymoquinone (Quantitative)
220	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Vanillin (Quantitative)
221	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Vardenafil (Qualitative)
222	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Yohimbine (Qualitative)
223	Integrated Research and Testing Laboratories (LPPT)	Thin Layer Chromatography (TLC)	Yohimbine (Quantitative)
224	Integrated Research and Testing Laboratories (LPPT)	Conductometry	DHL
225	Integrated Research and Testing Laboratories (LPPT)	Conductometry	Turbidity

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No	Testing Laboratories	Methods	Parameter
226	Integrated Research and Testing Laboratories (LPPT)	Conductometry	NaCl (Salinity)
227	Integrated Research and Testing Laboratories (LPPT)	Conductometry	TDS
228	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Saturated and Unsaturated Fatty Acids
229	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Benzo(a)pyrene
230	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Chloroform
231	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Deltamethrin
232	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	DHA (Docosahexaenoic Acid)
233	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Diazinon
234	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	EPA (Eicosapentaenoic Acid)
235	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Ethanol
236	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Ethyl Acetat
237	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Eugenol
238	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Methane Gas
239	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Iso-amyl-alcohol
240	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Cholesterol

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
241	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Methanol
242	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Oil and Fat
243	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	N-Hexane
244	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Omega 3
245	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Omega 6
246	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Omega 9
247	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Organophosphates
248	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	PAH (Polyaromatic Hidrocarbon)
249	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Patchouli Alcohol
250	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Active Ingredients Testing
251	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Additive Testing
252	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Phenol
253	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	Cypermethrin
254	Integrated Research and Testing Laboratories (LPPT)	Gas Chromatography (GC)	TPH (Total Petroleum Hydrocarbons)
255	Integrated Research and Testing Laboratories (LPPT)	Cell Culture	Phagocytosis of Mouse or Rat Peritonium Macrophages

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
256	Integrated Research and Testing Laboratories (LPPT)	Cell Culture	Primary Cell Culture
257	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Amino Acid
258	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Carbamate (Carbofuran)
259	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Compound Confirmation
260	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Paracetamol
261	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Screening LCMS
262	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin A
263	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin B1
264	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin B12
265	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin B2
266	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin B6
267	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin B9
268	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin C
269	Integrated Research and Testing Laboratories (LPPT)	Liquid Chromatography Mass Spectrometry (LCMS)	Vitamin E
270	Integrated Research and Testing Laboratories (LPPT)	Luff Schroll	Reduction Sugar

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
271	Integrated Research and Testing Laboratories (LPPT)	Luff Schroll	Sucrose
272	Integrated Research and Testing Laboratories (LPPT)	Luff Schroll	Total Sugar
273	Integrated Research and Testing Laboratories (LPPT)	Mercury analyzer	Hg (Mercury)
274	Integrated Research and Testing Laboratories (LPPT)	OECD 408 Methods	Mice Subchronic Toxicity Test (90 days)
275	Integrated Research and Testing Laboratories (LPPT)	OECD 408 Methods	Rat Subchronic Toxicity Test (90 days)
276	Integrated Research and Testing Laboratories (LPPT)	OECD 408 Methods	Mice Acute Toxicity Test with Histology
277	Integrated Research and Testing Laboratories (LPPT)	OECD 408 Methods	Mice Acute Toxicity Test without Histology
278	Integrated Research and Testing Laboratories (LPPT)	OECD 408 Methods	Rat Acute Toxicity Test with Histology
279	Integrated Research and Testing Laboratories (LPPT)	OECD 408 Methods	Rat Acute Toxicity Test without Histology
280	Integrated Research and Testing Laboratories (LPPT)	Microscope	Fluorescence Microscopy/Preparation Photo
281	Integrated Research and Testing Laboratories (LPPT)	Microscope	Fluorescent Microscope
282	Integrated Research and Testing Laboratories (LPPT)	MTT Assay	Cytotoxicity Test
283	Integrated Research and Testing Laboratories (LPPT)	Next Generation Sequencing (NGS)	Whole Genom Sequencing
284	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	15N, 19F, 31P
285	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	CD ₃ COCD ₃ Aceton

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
286	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	D ₂ O Water
287	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	APT
288	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	CD ₃ COCD ₃ Aceton
289	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	COSY
290	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	DEPT
291	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	DMSO-d ₆
292	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	HMBC
293	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	HMQC/HSQC
294	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	Interpretation of Structure Elucidation
295	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	J-Resolved
296	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	Carbon 13C up to 10,000 Scan
297	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	Carbon 13C up to 4,000 Scan
298	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	CDCl ₃ chloroform
299	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	CD ₃ OD Methanol
300	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	NOESY

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
301	Integrated Research and Testing Laboratories (LPPT)	Nuclear Magnetic Resonance (NMR)	Proton 1H
302	Integrated Research and Testing Laboratories (LPPT)	Non Instrument	Shaker/Shaker Incubator (Per Day)
303	Integrated Research and Testing Laboratories (LPPT)	Polymerase Chain Reaction (PCR)	Running with PCR/Thermocycler (Per 1 Hour)
304	Integrated Research and Testing Laboratories (LPPT)	PCR-Real Time	Leptospirosis
305	Integrated Research and Testing Laboratories (LPPT)	PCR-Real Time	Running with RT-PCR / running
306	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XIV Category
307	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XV Category
308	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XVI Category
309	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XVII Category
310	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XXI Category
311	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	I Category
312	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	X Category
313	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XI Category
314	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XII Category
315	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	XIII Category

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
316	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	II Category
317	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	III Category
318	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	IV Category
319	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	IV a Category
320	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	V Category
321	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	VI Category
322	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	VII Category
323	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	VIII Category
324	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	IX Category
325	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	Antidiarrheal Test on Rats
326	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	Anti Hepatoprotective Test
327	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	Antiulcer Test in Mice/Rats
328	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	Eye Irritation Test on Rabbits
329	Integrated Research and Testing Laboratories (LPPT)	Unit IV Testing	Cardioprotective Test
330	Integrated Research and Testing Laboratories (LPPT)	Pollination	Pollination

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
331	Integrated Research and Testing Laboratories (LPPT)	Litmus pH	pH
332	Integrated Research and Testing Laboratories (LPPT)	Polarimeter	Optical Rotation
333	Integrated Research and Testing Laboratories (LPPT)	Polarimeter	UV Electrophoresis Results
334	Integrated Research and Testing Laboratories (LPPT)	Potentiometry	pH
335	Integrated Research and Testing Laboratories (LPPT)	General Preparation	Micro Weighing
336	Integrated Research and Testing Laboratories (LPPT)	General Preparation	Sample Treatment
337	Integrated Research and Testing Laboratories (LPPT)	Quanti-Tray(R)/2000-Colilert(R)-18	<i>Coliform</i>
338	Integrated Research and Testing Laboratories (LPPT)	Quanti-Tray(R)/2000-Colilert(R)-18	<i>E-Coli</i>
339	Integrated Research and Testing Laboratories (LPPT)	Ratio	C/N Ratio
340	Integrated Research and Testing Laboratories (LPPT)	Refractometry	Water Content in Honey
341	Integrated Research and Testing Laboratories (LPPT)	SAA (Surface Area Analyzer)	SAA: Adsorption, Analysis: Surface Area, Volume and Pore Diameter
342	Integrated Research and Testing Laboratories (LPPT)	SAA (Surface Area Analyzer)	SAA : BET, Analisis : <i>Surface Area</i>
343	Integrated Research and Testing Laboratories (LPPT)	SAA (Surface Area Analyzer)	SAA : Full Isotherm, Analisis : Surface Area, Volume, and Pore Diameter
344	Integrated Research and Testing Laboratories (LPPT)	SAA (Surface Area Analyzer)	SAA, Coarse Powder-Pellet Sample, Full Isotherm, Analisis : Surface Area, Volume and Pore Diameter
345	Integrated Research and Testing Laboratories (LPPT)	SEM	SEM EDX & Mapping

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
346	Integrated Research and Testing Laboratories (LPPT)	SEM	Photo+SEM EDS/EDX (qualitative & quantitative)
347	Integrated Research and Testing Laboratories (LPPT)	SEM	SEM (with coating)
348	Integrated Research and Testing Laboratories (LPPT)	Sentrifus	Serum Separation
349	Integrated Research and Testing Laboratories (LPPT)	Sentrifus	Refrigerated Centrifuge
350	Integrated Research and Testing Laboratories (LPPT)	Spekto-Fluoresence	Scanning
351	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Dissolved Ammonium (NH ₄)
352	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Ammonium (NH ₄).
353	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	COD
354	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Detergent Equivalent of Sodium Dodecyl Sulfate
355	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Formaldehyde
356	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	P (Phospor)
357	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	P ₂ O ₅
358	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Dissolved Phosphate (POH ₄)
359	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Phosphate (POH ₄)
360	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total S(Sulfur)

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
361	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Scanning
362	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Si (Silica)
363	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	SiO ₂
364	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Sulfate (SO ₄)
365	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Tannin Total Equivalent Tannic Acid (Quantitative)
366	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Alkaloid Ekuivalen Quinine
367	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Curcuminoids
368	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Phenol Equivalent of Gallic Acid
369	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Flavonoids
370	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Carotene
371	Integrated Research and Testing Laboratories (LPPT)	UV-vis Spectrophotometry	Total Saponin from Quillaja Bark
372	Integrated Research and Testing Laboratories (LPPT)	FAAS	Ag (Silver)
373	Integrated Research and Testing Laboratories (LPPT)	FAAS	Au (Gold)
374	Integrated Research and Testing Laboratories (LPPT)	FAAS	B (Boron)
375	Integrated Research and Testing Laboratories (LPPT)	FAAS	Ca (Calcium)

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
376	Integrated Research and Testing Laboratories (LPPT)	FAAS	CaCO ₃
377	Integrated Research and Testing Laboratories (LPPT)	FAAS	CaO
378	Integrated Research and Testing Laboratories (LPPT)	FAAS	Cd (Cadmium)
379	Integrated Research and Testing Laboratories (LPPT)	FAAS	Co (Cobalt)
380	Integrated Research and Testing Laboratories (LPPT)	FAAS	Cr (Chromium)
381	Integrated Research and Testing Laboratories (LPPT)	FAAS	Cu (Copper)
382	Integrated Research and Testing Laboratories (LPPT)	FAAS	CuSO ₄
383	Integrated Research and Testing Laboratories (LPPT)	FAAS	Fe (Iron)
384	Integrated Research and Testing Laboratories (LPPT)	FAAS	Fe ₂ O ₃
385	Integrated Research and Testing Laboratories (LPPT)	FAAS	FeSO ₄
386	Integrated Research and Testing Laboratories (LPPT)	FAAS	K (Potassium)
387	Integrated Research and Testing Laboratories (LPPT)	FAAS	K ₂ O
388	Integrated Research and Testing Laboratories (LPPT)	FAAS	KCl
389	Integrated Research and Testing Laboratories (LPPT)	FAAS	Hardness Equivalent of CaCO ₃
390	Integrated Research and Testing Laboratories (LPPT)	FAAS	Mg (Magnesium)

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
391	Integrated Research and Testing Laboratories (LPPT)	FAAS	MgCO ₃
392	Integrated Research and Testing Laboratories (LPPT)	FAAS	MgO
393	Integrated Research and Testing Laboratories (LPPT)	FAAS	MgSO ₄
394	Integrated Research and Testing Laboratories (LPPT)	FAAS	Mn (Manganese)
395	Integrated Research and Testing Laboratories (LPPT)	FAAS	MnSO ₄
396	Integrated Research and Testing Laboratories (LPPT)	FAAS	Na (Sodium)
397	Integrated Research and Testing Laboratories (LPPT)	FAAS	Na ₂ CO ₃
398	Integrated Research and Testing Laboratories (LPPT)	FAAS	Na ₂ O
399	Integrated Research and Testing Laboratories (LPPT)	FAAS	Na ₂ SO ₄
400	Integrated Research and Testing Laboratories (LPPT)	FAAS	NaHCO ₃
401	Integrated Research and Testing Laboratories (LPPT)	FAAS	NaOH
402	Integrated Research and Testing Laboratories (LPPT)	FAAS	NaSO ₄
403	Integrated Research and Testing Laboratories (LPPT)	FAAS	Ni (Nickel)
404	Integrated Research and Testing Laboratories (LPPT)	FAAS	Pb (Lead)
405	Integrated Research and Testing Laboratories (LPPT)	FAAS	Pt (Platinum)

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
406	Integrated Research and Testing Laboratories (LPPT)	FAAS	Sr (read absorbance)
407	Integrated Research and Testing Laboratories (LPPT)	FAAS	Zn (Zinc)
408	Integrated Research and Testing Laboratories (LPPT)	FAAS	ZnSO ₄
409	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	ELISA Reader
410	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	Elisa Fluorescence Reading
411	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	Elisa Luminesence Reading
412	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	Sample Dilution and Elisa Reading
413	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	Measurement of DNA/RNA Concentration
414	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	Measurement of Protein Concentration
415	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	Scanning at a Specific Wavelength Range
416	Integrated Research and Testing Laboratories (LPPT)	Tecan Spark 20 M	Scanning Wavelength/50 Wavelength
417	Integrated Research and Testing Laboratories (LPPT)	Analgesic Test	Analgesic Test
418	Integrated Research and Testing Laboratories (LPPT)	Anti-cancer Test in Mice	Anti-Cancer Test
419	Integrated Research and Testing Laboratories (LPPT)	Antihypertensive Test	Anti Hypertension Test
420	Integrated Research and Testing Laboratories (LPPT)	Antipyretic Test	Antipyretic Test

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
421	Integrated Research and Testing Laboratories (LPPT)	Biodistribution Test	Preclinical Research
422	Integrated Research and Testing Laboratories (LPPT)	Endurance Test (Lymphocyte Proliferation)	Endurance Test (Lymphocyte Proliferation)
423	Integrated Research and Testing Laboratories (LPPT)	Skin irritation/corrosion test	Skin Irritation/Corrosion Test in Mice
424	Integrated Research and Testing Laboratories (LPPT)	Nephroprotective Test	Nephroprotective Test
425	Integrated Research and Testing Laboratories (LPPT)	Stamina Test	Stamina Test
426	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Acid Number
427	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Peroxide Number
428	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Free Fatty Acids (FFA)
429	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Saponification Number
430	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Solubility in Water
431	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Solubility in Ethanol
432	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Solubility in Methanol
433	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Gel Making
434	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Juice Making
435	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Solution Making

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
436	Integrated Research and Testing Laboratories (LPPT)	Volumetry	Dilution
437	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Diffraction</i> (XRD)	With Preparation and Mineral Analysis
438	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Diffraction</i> (XRD)	With Preparation and Without Mineral Analysis
439	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Diffraction</i> (XRD)	Without Preparation and With Mineral Analysis
440	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Diffraction</i> (XRD)	Without Preparation and Mineral Analysis
441	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Diffraction</i> (XRD)	XRD Without Analysis
442	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Fluorescence</i> (XRF)	Addition of Elemental/Oxide Analysis
443	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Fluorescence</i> (XRF)	Qualitative XRF of Liquid/Powder Samples (Loose Powder)
444	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Fluorescence</i> (XRF)	Qualitative XRF of Coarse/Granule Samples (Grinding)
445	Integrated Research and Testing Laboratories (LPPT)	<i>X-Ray Fluorescence</i> (XRF)	Qualitative XRF of Pellet Like Samples
446	Integrated Research Laboratory of the Faculty of Dentistry	IKU/7.2/KG-BIOF-01(Microplate)	Biofilm Mass/Volume of <i>S. mutans</i> bacteria
447	Integrated Research Laboratory of the Faculty of Dentistry	IKU/7.2/KG-BIOF-03 (TPC)	Number of <i>S. mutans</i> Colonies in Biofilms
448	Integrated Research Laboratory of the Faculty of Dentistry	IKU/7.2/KG-MH-01 (Micro-Hardness)	Micro Hardness
449	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 2270	Viscosity Index
450	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 36	Softening Point

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
451	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 445	Viscosity Kinematic at 100°c
452	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 445	Viscosity Kinematic at 40°C
453	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 473	Sediment by Extraction
454	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 482	Ash Content
455	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 5	Penetration
456	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 6	Loss On Heat (LOH)
457	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 611	Aniline Point
458	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 86	Distillation
459	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 88	Viscosity Saybolt SSU
460	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 92	Flash Point & Fire Point COC
461	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 92	Flash Point COC
462	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 93	Flash Point PM CC
463	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 95	Water Content
464	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 97	Cloud and Pour Point
465	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 97	Cloud Point

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
466	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	ASTM D 97	Pour Point
467	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	IP 170	Flash Point Abel
468	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	IP 31/57	Drop Point
469	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	IP 57	Smoke Point
470	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	IP 70/57	Viscosity Redwood I
471	Petroleum, Gas and Coal Technology Laboratory (TMGB) Faculty of Engineering	Melting Point	Melting Point
472	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	By Difference	Carbohydrate
473	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	Gravimetry	Fat Levels in Liquid Milk
474	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	Gravimetry	Total Solid
475	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	Gravimetry	Total Solid Non Fat
476	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	SNI 01-2891-1992	Ash Content in Powdered Milk/Liquid Milk/Cheese
477	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	SNI 01-2891-1992	Moisture Content in Powdered Milk/Liquid Milk/Cheese
478	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	SNI 01-2891-1992	Protein Levels in Powdered Milk/ Liquid Milk / Cheese
479	Laboratory of Dairy Animal Science and Dairy Industry (ITPIP), Faculty of Animal Husbandry	SNI 01-2891-1992	Fat Content in Powdered Milk / Cheese
480	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-01 (HPLC)	Vitamin B1

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
481	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-01 (HPLC)	Vitamin B12
482	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-01 (HPLC)	Vitamin B2
483	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-01 (HPLC)	Vitamin B6
484	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-01 (HPLC)	Vitamin C
485	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-02 (HPLC)	Vitamin B1
486	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-02 (HPLC)	Vitamin B12
487	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-02 (HPLC)	Vitamin B2
488	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-02 (HPLC)	Vitamin B6
489	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-02 (HPLC)	Vitamin C
490	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-03 (HPLC)	Rifampicin in Blood Plasma
491	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-06 (HPLC)	Metformin in Blood Plasma
492	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-07 (HPLC)	Na-diclofenac in Blood Plasma
493	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-09 (HPLC)	Levofloxacin
494	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-12 (HPLC)	Furosemide
495	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/KF-HPLC-16	Acyclovir

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
496	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/TF-UV-01 (UV-Vis Spectrophotometry)	DPPH Free Radical Arrest Activity (IC 50)
497	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/TF-UV-02 (UV-Vis Spectrophotometry)	Chloramphenicol
498	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/TF-UV-03 (UV-Vis Spectrophotometry)	Flavonoiuds Total
499	Laboratorium Advanced Pharmaceutical Sciences (APS) Faculty of Pharmacy	IKU/7.2/TF-UV-03 (UV-Vis Spectrophotometry)	Routine Equivalent Total Flavonoids
500	Faculty of Pharmacy Microbiology Laboratory	IKU/7.2/MF-AK-01 (Dilution)	Determination of Contamination & Contamination Rates of Mold / Yeast (AKK)
501	Faculty of Pharmacy Microbiology Laboratory	IKU/7.2/MF-AK-02 (Dilution)	Determination of Contamination & Number of Bacterial Contamination (ALT)
502	Faculty of Pharmacy Microbiology Laboratory	IKU/7.2/MF-AK-05 (Most Probable Number)	Coliform Test
503	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	IKU/7.2/PT-AK-01 (UV-Vis Spectrophotometry)	Organic Material
504	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	IKU/7.2/PT-AK-01 (UV-Vis Spectrophotometry)	C-Organic Content
505	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	IKU/7.2/PT-AK-02 (Kjeldahl Method)	C/N Ratio (C-Organic Content)
506	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	IKU/7.2/PT-AK-02 (Kjeldahl Method)	Total N
507	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	IKU/7.2/PT-UV-01 (UV-Vis Spectrophotometry)	P ₂ O ₅
508	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	IKU/7.2/PT-UV-01 (UV-Vis Spectrophotometry)	Phospate (PO ₄)

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
509	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	IKU/7.2/PT-UV-01 (UV-Vis Spectrophotometry)	Phospor (P)
510	Leather Technology Laboratory, Byproducts, and Animal Husbandry Waste (TKHIL) Faculty of Animal Husbandry	Ratio (Comparison)	Ratio C/N
511	Genetics and Breeding Laboratory, Faculty of Biology	IKU/7.2/BI-GT/DNA-01	Number of Chromosomes
512	Genetics and Breeding Laboratory, Faculty of Biology	IKU/7.2/BI-GT/DNA-01	Number, Shape and Length of Chromosomes
513	Genetics and Breeding Laboratory, Faculty of Biology	IKU/7.2/BI-GT/DNA-01	Chromosome Length
514	Genetics and Breeding Laboratory, Faculty of Biology	IKU/7.2/BI-GT/DNA-01	Chromosome Preparation in Animals
515	Genetics and Breeding Laboratory, Faculty of Biology	IKU/7.2/BI-GT/DNA-01	Chromosome Preparation in Plants
516	Genetics and Breeding Laboratory, Faculty of Biology	IKU/7.2/BI-GT/POL-01 ((PCR and Electrophorator with UPGMA Analysis)	Polymorphism Test
517	Genetics and Breeding Laboratory, Faculty of Biology	IKU/7.2/BI-GT/SIM-01 (PCR and Electrophorator with UPGMA Analysis)	Similarity Test
518	Biochemistry Laboratory, Faculty of Biology	IKU/7.2/Bi-BK/UV-Vis-01 (Spektrophotometry)	Nitrate Reductase Activity
519	Biochemistry Laboratory, Faculty of Biology	IKU/7.2/Bi-BK/UV-Vis-02 (Spektrophotometry)	Dissolved Sugar Levels
520	Biochemistry Laboratory, Faculty of Biology	IKU/7.2/Bi-BK/UV-Vis-02 (Spektrophotometry)	Starch Levels in Leaves
521	Biochemistry Laboratory, Faculty of Biology	IKU/7.2/Bi-BK/UV-Vis-03 (Spektrophotometry)	Carotenoid Levels
522	Biochemistry Laboratory, Faculty of Biology	IKU/7.2/Bi-BK/UV-Vis-06 (Spektrophotometry)	RNA concentration
523	Biochemistry Laboratory, Faculty of Biology	UV-Vis Spectrophotometry	Pigment Levels
524	Biomaterial Chemical Conversion Laboratory (KKB), Faculty of Forestry	ASTM D 1107-96 (Gravimetry)	Solubility Rate in Ethanol-Toluene
525	Biomaterial Chemical Conversion Laboratory (KKB), Faculty of Forestry	ASTM D 1110-84 (Gravimetry)	Solubility Rate in Hot Water

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
526	Biomaterial Chemical Conversion Laboratory (KKB), Faculty of Forestry	IKU/7.2/KT-KSK/AK-01 (Gravimetry)	Test for Holocellulose Content in Wood: Modified Chlorite Method
527	Biomaterial Chemical Conversion Laboratory (KKB), Faculty of Forestry	IKU/7.2/KT-KSK/AK-02 (Gravimetry)	Test of Alpha Cellulose Levels in Wood
528	Biomaterial Chemical Conversion Laboratory (KKB), Faculty of Forestry	IKU/7.2/KT-KSK/AK-03 (Gravimetry)	Test of Silica and Silicate Content in Wood
529	Biomaterial Chemical Conversion Laboratory (KKB), Faculty of Forestry	SNI 0492-2008 (Klason/Gravimetry)	Lignin Content
530	Biomaterial Chemical Conversion Laboratory (KKB), Faculty of Forestry	SNI 14-1031-1989 (Gravimetry)	Ash Content in Sawdust
531	Laboratory of Plant Diseases, Faculty of Agriculture	Dillution Plate	Colony Density
532	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/ID-01 (Microscopy)	Morphological Identification
533	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/ID-01 (Microscopy)	Morphological Identification
534	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/KK-01 (Haemocytometer)	Conidial Density
535	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/KK-02 (Haemocytometer)	Conidial Density
536	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/PG-01 (Haemocytometer)	LD 50
537	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/PG-01 (Haemocytometer)	LT 50
538	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/PG-01 (Haemocytometer)	Pathogenicity
539	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/PG-02 (Haemocytometer)	Pathogenicity
540	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/PG-04 (Descriptive)	Pathogenicity in Tobacco

**LIST OF TESTING PARAMETERS IN INTEGRATED RESEARCH AND TESTING LABORATORIES (LPPT) AND AFFILIATED LABORATORIES
UNIVERSITAS GADJAH MADA, YOGYAKARTA**

No	Testing Laboratories	Methods	Parameter
541	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/PH-01 (Descriptive)	Pathogenicity in Test Insects
542	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/VB-01 (Microscopy)	Conidial Viability
543	Laboratory of Plant Diseases, Faculty of Agriculture	IKU/7.2/PN-MP/VB-01 (Microscopy)	Conidial Viability
544	High Voltage Engineering Laboratory (TTT) Faculty of Engineering	IKU/7.2/TK-TTT/Iso-01	Alternating Fail Voltage (AC)
545	High Voltage Engineering Laboratory (TTT) Faculty of Engineering	IKU/7.2/TK-TTT/Iso-02	Direct Fail Voltage (DC)
546	High Voltage Engineering Laboratory (TTT) Faculty of Engineering	IKU/7.2/TK-TTT/Iso-03	Alternating Fail Voltage (AC)
547	High Voltage Engineering Laboratory (TTT) Faculty of Engineering	IKU/7.2/TK-TTT/Iso-04	Impulse Fail Voltage
548	High Voltage Engineering Laboratory (TTT) Faculty of Engineering	IKU/7.2/TK-TTT/Iso-05	Residual Voltage