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LAMPIRAN

Lampiran 1. Data Absorban Kopi Hijau *Fresh*

Tabel 4. Data Absorban Kopi Hijau *Fresh*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	3,668	-1181,66	-293,36868	0,564429327	1,915202
400	9,614	-1551,93	-386,48214	0,982904118	3,100645
500	9,792	-1951,04	-485,30592	0,990871405	3,129217
600	6,656	-2366,72	-587,41056	0,823213313	2,579922
700	4,266	-2778,67	-688,77666	0,630020851	2,06543
800	1,593	-3192,04	-790,42293	0,202215776	1,262141
900	1,436	-3592,82	-889,57836	0,15715444	1,198332
1000	1,926	-3990,37	-988,09326	0,284656283	1,387804

Lampiran 2. Data Absorban Kopi Kuning *Fresh*

Tabel 5. Data Absorban Kopi Kuning *Fresh*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	1,402	-1193	-295,61202	0,15	1,18406
400	1,442	-1592,8	-394,57242	0,16	1,20083
500	1,502	-1992,5	-493,51302	0,18	1,22556
600	1,391	-2393	-592,62291	0,14	1,17941
700	1,453	-2792,7	-691,56153	0,16	1,2054
800	1,439	-3192,8	-790,57539	0,16	1,19958
900	1,452	-3592,7	-889,56252	0,16	1,20499
1000	1,112	-3994,4	-988,89912	0,05	1,05451

Lampiran 3. Data Absorban Kopi Merah *Fresh*

Tabel 6. Data Absorban Kopi Merah *Fresh*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	1,926	-1190,4	-295,09326	0,284656283	1,3878
400	1,882	-2390,6	-592,13682	0,274619619	1,33978
500	1,792	-1991	-493,22592	0,25338005	1,33860
600	1,857	-1990,7	-493,16157	0,268811904	1,37186
700	1,547	-2792,3	-691,46847	0,189490314	1,24378
800	1,665	-3191,7	-790,35165	0,221414238	1,29035
900	1,325	-3593,4	-889,68825	0,122215878	1,15109
1000	1,153	-3994,2	-988,85853	0,061829307	1,07378

Lampiran 4. Data Absorban Biji Kopi Hijau Kering *Black Honey*

Tabel 7. Data Absorban Biji Kopi Hijau Setelah Dikeringkan Secara *Black Honey*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	2,412	-1187,94	-294,61212	0,382377303	1,553061493
400	2,112	-1589,44	-393,90912	0,324693914	1,45327217
500	2,195	-1989,025	-492,82695	0,341434525	1,481553239
600	2,219	-2388,905	-591,80319	0,346157302	1,489630827
700	2,218	-2788,91	-690,80418	0,345961542	1,489295135
800	2,119	-3189,405	-789,90219	0,326130957	1,455678536
900	1,998	-3590,01	-889,02198	0,300595484	1,413506279
1000	1,975	-3990,125	-988,04475	0,2955671	1,405346932

Lampiran 5. Data Absorban Biji Kopi Kuning Kering *Black Honey*

Tabel 8. Data Absorban Biji Kopi Kuning Setelah Dikeringkan Secara *Black Honey*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	9,614	-1151,93	-287,48214	0,982904118	3,100645094
400	9,414	-1552,93	-386,68014	0,973774194	3,068224242
500	7,895	-1960,25	-487,18395	0,897352134	2,809804264
600	7,995	-2360,025	-586,08495	0,902818468	2,827543103
700	5,995	-2770,025	-687,06495	0,777789187	2,448468909
800	5,560	-3172,2	-786,4956	0,745074792	2,357965225
900	4,465	-3577,675	-886,57965	0,649821463	2,113054661
1000	4,215	-3978,925	-985,82715	0,624797579	2,053046517

Lampiran 6. Data Absorban Biji Kopi Merah Kering *Black Honey*

Tabel 9. Data Absorban Biji Kopi Merah Setelah Dikeringkan Secara *Black Honey*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	3,612	-1181,94	-293,4241	0,557747742	1,90053
400	2,212	-1588,94	-393,8101	0,344785123	1,48728
500	2,295	-1988,525	-492,728	0,36078269	1,51493
600	3,219	-2383,905	-590,8132	0,507720977	1,79416
700	2,518	-2787,41	-690,5072	0,401055726	1,58682
800	2,219	-3188,905	-789,8032	0,346157302	1,48963
900	1,898	-3590,51	-889,121	0,278296208	1,37768
1000	1,985	-3990,075	-988,0349	0,297760511	1,4089

Lampiran 7. Data Absorban Biji Kopi Hijau Kering *Yellow Honey*

Tabel 10. Data Absorban Biji Kopi Hijau Setelah Dikeringkan Secara *Yellow Honey*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	8,471	-1155,6	-288,11871	0,927935	2,910562767
400	6,872	-1565,64	-389,19672	0,837083151	2,62144998
500	6,783	-1966,85	-488,28483	0,831421817	2,604419321
600	5,975	-2370,125	-588,08475	0,77633791	2,444381312
700	5,795	-2771,025	-687,26295	0,76305344	2,407280623
800	4,725	-3176,375	-787,32225	0,674401813	2,173706512
900	3,055	-3584,725	-887,97555	0,485011215	1,747855829
1000	2,173	-3989,135	-987,84873	0,337059726	1,474109901

Lampiran 8. Data Absorban Biji Kopi Kuning Kering *Yellow Honey*

Tabel 11. Data Absorban Biji Kopi Kuning Setelah Dikeringkan Secara *Yellow Honey*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	8,871	-1155,645	-288,21771	0,987972579	2,978422
400	6,772	-156,14	-389,29572	0,830716949	2,602307
500	6,773	-1966,135	-488,29473	0,830781076	2,602499
600	5,879	-2370,605	-588,17979	0,76930346	2,424665
700	5,895	-2770,525	-687,16395	0,770483809	2,427962
800	4,655	-3176,725	-787,39155	0,667919685	2,157545
900	3,574	-3582,13	-887,46174	0,553154548	1,890503
1000	1,196	-3994,02	-988,81596	0,07773118	1,093618

Lampiran 9. Data Absorban Biji Kopi Merah Kering *Yellow Honey*

Tabel 12. Data Absorban Biji Kopi Merah Setelah Dikeringkan Secara *Yellow Honey*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	9,491	-1152,544	-287,6037	0,957321125	3,08078
400	6,772	-1566,14	-389,2957	0,830716949	2,60231
500	6,773	-1966,135	-488,2947	0,830781076	2,6025
600	5,879	-2370,605	-588,1798	0,76930346	2,42466
700	5,295	-2773,525	-687,758	0,723865964	2,30109
800	4,555	-3177,225	-787,4906	0,658488381	2,13424
900	3,464	-3582,68	-887,5706	0,539577883	1,86118
1000	1,175	-3994,125	-988,8368	0,070037867	1,08397

Lampiran 10. Data Absorban Kulit Kopi Hijau *Roasting*

Tabel 13. Data Absorban Kulit Kopi Hijau Setelah *Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	2,668	-1186,66	-294,35868	0,426185825	1,633401
400	7,814	-1560,93	-388,26414	0,892873407	2,795353
500	7,142	-1964,29	-487,92942	0,853819846	2,672452
600	5,125	-2374,375	-588,92625	0,70969387	2,263846
700	5,153	-2774,235	-687,89853	0,712060142	2,270022
800	1,243	-3193,785	-790,76943	0,094471129	1,114899
900	1,558	-3592,21	-889,45758	0,192567453	1,248199
1000	1,956	-3990,22	-988,06356	0,29136885	1,398571

Lampiran 11. Data Absorban Kulit Kopi Kuning *Roasting*

Tabel 14. Data Absorban Kulit Kopi Kuning *Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	2,668	-1186,66	-294,35868	0,426185825	1,633401
400	8,614	-1556,93	-387,47214	0,935204867	2,934962
500	7,572	-1962,14	-487,50372	0,879210605	2,751727
600	5,675	-2371,25	-588,38175	0,753965866	2,382226
700	5,467	-2772,665	-687,58767	0,737749074	2,338162
800	1,573	-3192,135	-790,44273	0,196728723	1,254193
900	1,578	-3592,11	-889,43778	0,198106999	1,256185
1000	1,876	-3990,62	-988,14276	0,273232834	1,369671

Lampiran 12. Data Absorban Kulit Kopi Merah *Roasting*

Tabel 15. Data Absorban Kulit Kopi Merah *Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	2,668	-1186,66	-294,35868	0,426185825	1,633401
400	8,814	-1555,93	-387,27414	0,945173046	2,968838
500	8,572	-1957,14	-486,51372	0,933082162	2,927798
600	5,556	-2372,22	-588,49956	0,744762237	2,357117
700	4,367	-2778,65	-688,67667	0,640183192	2,089737
800	1,673	-3191,635	-790,34373	0,223495941	1,293445
900	1,566	-3592,17	-889,44966	0,194791758	1,251399
1000	1,876	-3990,62	-988,14276	0,273232834	1,369671

Lampiran 13. Data Absorban Biji Kopi Hijau *Black Honey Roasting*

Tabel 16. Data Absorban Biji Kopi Hijau *Black Honey Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	8,465	-1157,68	-288,62	0927626962	2,909467
400	9,486	-1552,57	-386,609	0,97708312	3,079935
500	9,375	-1953,13	-485,719	0,971971276	3,061862
600	4,186	-2379,07	-589,856	0,621799224	2,045972
700	4,677	-2776,62	-688,37	0,66996737	2,162637
800	2,56	-318,2	-789,466	0,408239965	1,6
900	1,476	-3592,62	-889,539	0,169086357	1,214907
1000	1,254	-3993,73	-988,759	0,098297536	1,119821

Lampiran 14. Data Absorban Biji Kopi Kuning *Black Honey Roasting*

Tabel 17. Data Absorban Biji Kopi Kuning *Black Honey Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	3,574	-11821	-293,46	0,553154548	1,8905
400	5,425	-1572,9	-390,63	0,734399743	2,32916
500	5,135	-1974,3	-489,92	0,710540448	2,26605
600	3,452	-2382,7	-590,58	0,538070787	1,85796
700	1,738	-2791,3	-691,28	0,240049772	1,31833
800	1,321	-3193,4	-790,69	0,120902818	1,14935
900	1,112	-3594,4	-889,9	0,046104787	1,05451
1000	1,0132	-3994,9	-989	0,005695181	1,00658

Lampiran 15. Data Absorban Kopi Merah *Black Honey Roasting*

Tabel 18. Data Absorban Kopi Merah *Black Honey Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	9,674	-1151,6	-287,42	0,985606083	3,11031
400	10,866	-1545,7	-385,24	1,036069701	3,29636
500	9,572	-1952,1	-485,52	0,981002690	3,09386
600	8,565	-2357,2	-585,52	0,932727367	2,9266
700	5,547	-2772,3	-687,51	0,744058166	2,35521
800	3,673	-3181,6	-788,36	0,565020928	1,91651
900	2,468	-3587,7	-888,56	0,392345155	1,57099
1000	1,675	-3991,6	-988,34	0,224014811	1,29422

Lampiran 16. Data Absorban Kopi Hijau *Yellow Honey Roasting*

Tabel 19. Data Absorban Kopi Hijau *Yellow Honey Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	10,845	-1145,775	-286,263	1,035229556	3,293175
400	19,856	-150,72	-376,343	1,297891764	4,456007
500	11,572	-194,14	-483,544	1,063408425	3,401764
600	7,675	-236,1625	-586,402	0,885078384	2,770379
700	6,547	-2767,265	-686,518	0,816042341	2,558711
800	2,673	-3186,635	-789,354	0,426998959	1,634931
900	2,468	-3587,66	-888,557	0,392345155	1,570987
1000	1,876	-3990,62	-988,143	0,273232834	1,369671

Lampiran 17. Data Absorban Kopi Kuning *Yellow Honey Roasting*

Tabel 20. Data Absorban Kopi Kuning *Yellow Honey Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	6,536	-1167,32	-290,529	0,815312044	2,55656
400	9,876	-1550,62	-386,223	0,994581081	3,14261
500	9,758	-1951,21	-48,34	0,989360814	3,12378
600	8,785	-2356,75	-585,303	0,943741766	2,96395
700	6,374	-2768,13	-68,69	0,804412059	2,524678
800	4,768	-3176,16	-787,28	0,678336247	2,183575
900	1,877	-3590,15	-889,142	0,273464273	1,370036
1000	1,687	-3991,65	-988,33	0,227115083	1,298846

Lampiran 18. Data Absorban Kopi Merah *Yellow Honey Roasting*

Tabel 21. Data Absorban Kopi Merah *Yellow Honey Roasting*

Panjang gelombang (nm)	Absorban (%)	R'	R''	(lg R)	√R
300	9,645	-1151,775	-287,45	0,984302232	3,10564
400	1,975	-1520,125	-380,18	1,203440867	3,99687
500	10,652	-194,74	-484,45	1,027431158	3,26374
600	8,785	-2356,075	-58,3	0,943741766	2,96395
700	5,677	-2771,615	-687,38	0,754118894	2,38265
800	3,865	-3180,675	-788,17	0,587149498	1,96596
900	2,847	-3585,765	-888,18	0,454387467	1,68731
1000	1,465	-3992,675	-988,55	0,165837625	1,21037

Lampiran 19. Data Reflektan Kopi Hijau *Fresh*

Tabel 22. Data Reflektan Kopi Hijau *Fresh*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,148	1,074	2,127	81,33221621	4,6356
400	2,664	1,332	2,637	81,42553422	5,1614
500	9,553	4,776	9,457	88,98013978	3,0907
600	8,643	4,321	8,556	80,93666451	2,9399
700	9,131	4,565	9,039	80,96051834	3,0217
800	9,148	4,574	9,057	89,96136888	9,5649
900	6,122	3,061	6,061	92,78693092	2,4743
1000	9,439	4,719	9,344	89,97492599	9,7154

Lampiran 20. Data Reflektan Kopi Kuning *Fresh*

Tabel 23. Data Reflektan Kopi Kuning *Fresh*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,158	1,0790	2,13652	21,3340716	4,646
400	1,151	5,7555	1,13959	23,0611131	3,393
500	1,443	7,2168	1,42893	29,1593747	3,799
600	2,125	1,0627	2,10415	31,3274407	4,610
700	3,489	1,7445	3,4541	42,5426997	1,868
800	4,395	2,1977	4,35145	58,6429984	2,097
900	5,842	2,9207	5,78309	76,7665244	2,417
1000	6,861	3,4305	6,79249	76,8363937	2,619

Lampiran 21. Data Reflektan Kopi Merah *Fresh*

Tabel 24. Data Reflektan Kopi Merah *Fresh*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,163	1,081	2,14137	46,33505652	1,4707
400	2,017	1,008	1,99683	44,3047059	1,4202
500	2,535	1,267	2,50965	50,40397796	1,5921
600	3,735	1,867	3,69765	61,57229061	6,1114
700	3,874	1,937	3,83526	62,58815962	1,9682
800	3,976	1,988	3,93624	63,59944638	6,3055
900	4,535	2,267	4,48965	67,65657729	6,7342
1000	4,879	2,439	4,83021	69,68833082	6,9849

Lampiran 22. Data Reflektan Biji Kopi Hijau Kering *Yellow Honey*

Tabel 25. Data Reflektan Biji Kopi Hijau Kering *Yellow Honey*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,635	1,3176	2,60895	14,4208301	16,233607
400	3,746	1,8734	3,70933	26,5736605	1,93567
500	8,486	4,2431	8,40134	24,9287133	2,91311
600	1,430	7,1525	1,4162	31,1554879	3,7822
700	2,923	1,4616	2,89387	40,4658437	1,70971
800	3,971	1,9858	3,93188	49,5989655	6,30206
900	5,155	2,5778	5,10395	68,7122708	2,27057
1000	6,562	3,281	6,49638	73,8170362	8,10062

Lampiran 23. Data Reflektan Biji Kopi Kuning Kering *Yellow Honey*

Tabel 26. Data Reflektan Biji Kopi Kuning Kering *Yellow Honey*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,9230	1,4615	2,89377	24,4658288	1,7096
400	1,5277	7,6385	1,5124	28,1840381	1,236
500	1,9540	9,77	1,93446	32,2909246	1,3978
600	2,5447	1,2724	2,51925	37,4056366	5,0445
700	4,7234	2,3617	4,67617	57,6742547	6,8727
800	6,2592	3,1296	6,19661	63,7965188	7,91151
900	7,6470	3,8235	7,57053	76,8834911	2,7653
1000	8,3522	4,1761	8,26868	81,9218009	9,1390

Lampiran 24. Data Reflektan Biji Kopi Kering Merah *Yellow Honey*

Tabel 27. Data Reflektan Biji Kopi Kering Merah *Yellow Honey*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	3,864	1,9318	3,82487	26,5869809	1,96558
400	2,347	1,1734	2,32323	30,3704576	1,53189
500	3,049	1,5245	3,01851	33,4841574	5,52178
600	4,172	2,0859	4,13008	43,6203235	6,45895
700	5,013	2,5063	4,96247	5,700063	2,23888
800	5,959	2,9797	5,89981	69,7752025	7,71972
900	5,257	2,6283	5,20394	74,7206967	2,29271
1000	8,121	4,0606	8,03999	79,9096202	9,01177

Lampiran 25. Data Reflektan Biji Kopi Hijau Kering *Black Honey*

Tabel 28. Data Reflektan Biji Kopi Hijau Kering *Black Honey*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,6353	1,3176	2,60895	14,4208301	162,33607
400	3,7468	1,8734	3,70933	26,5736605	1,3567
500	8,4862	4,2431	8,40134	24,9287133	2,91311
600	1,4305	7,1525	1,4162	31,1554879	3,7822
700	2,9231	1,4616	2,89387	40,4658437	1,70971
800	3,9716	1,9858	3,93188	49,5989655	6,30206
900	5,1555	2,5778	5,10395	68,7122708	2,27057
1000	6,5620	3,281	6,49638	73,8170362	8,10062

Lampiran 26 Data Reflektan Biji Kopi Kuning Kering *Black Honey*

Tabel 29. Data Reflektan Biji Kopi Kuning Kering *Black Honey*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,9230	1,4615	2,89377	24,4658288	1,70968
400	1,5277	7,6385	1,51242	28,1840381	1,236
500	1,9540	9,77E	1,93446	32,2909246	1,39786
600	2,5447	1,2724	2,51925	37,4056366	5,0445
700	4,7234	2,3617	4,67617	57,6742547	6,8727
800	6,2592	3,1296	6,19661	63,7965188	7,91151
900	7,6470	3,8235	7,57053	76,8834911	2,76532
1000	8,3522	4,1761	8,26868	81,9218009	9,13904

Lampiran 27. Data Reflektan Biji Kopi Merah Kering *Black Honey*

Tabel 30. Data Reflektan Biji Kopi Merah Kering *Black Honey*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	3,864	1,9318	3,82487	26,5869809	1,96558
400	2,347	1,1734	2,32323	30,3704576	1,53189
500	3,049	1,5245	3,01851	33,4841574	5,52178
600	4,172	2,0859	4,13008	43,6203235	6,45895
700	5,013	2,5063	4,96247	5,700063	2,23888
800	5,959	2,9797	5,89981	69,7752025	7,71972
900	5,257	2,6283	5,20394	74,7206967	2,29271
1000	8,121	4,0606	8,03999	79,9096202	9,01177

Lampiran 28. Data Reflektan Kulit Kopi Hijau *Roasting*

Tabel 31. Data Reflektan Kulit Kopi Hijau *Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	1,5130	7,565	1,498	33,17983893	3,88973
400	1,7410	8,705	1,724	26,24079877	1,3194
500	1,7720	8,86	1,754	36,24846372	1,33116
600	3,5870	1,7935	3,551	55,55473138	5,98916
700	7,4710	3,7355	7,396	83,87337874	8,64349
800	9,1997	4,59985	9,108	88,96377367	3,0331
900	9,3250	4,6625	9,232	96,96964884	3,05369
1000	9,4995	4,74975	9,405	96,97770075	3,08213

Lampiran 29. Data Reflektan Kulit Kopi Kuning *Roasting*

Tabel 32. Data Reflektan Kulit Kopi Kuning *Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	4,8330	2,4165	4,785	32,6842168	2,19841
400	1,3920	6,96	1,378	24,4363924	1,17983
500	1,3110	6,555	1,298	29,1760269	3,62077
600	2,8340	1,417	2,806	37,5239985	5,32353
700	6,3070	3,1535	6,244	65,79982283	7,94166
800	7.9310	3,9655	7,852	86,89932795	2,8162
900	8,6650	4,3325	8,578	91,93776857	9,3086
1000	8,5830	4,2915	8,497	92,93363911	2,92968

Lampiran 30. Data Reflektan Kulit Kopi Merah *Roasting*

Tabel 33. Data Reflektan Kulit Kopi Merah *Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	5,0650	2,5325	5,014	35,70457945	7,1168
400	1,4647	7,3235	1,45	28,16574868	1,2102
500	1,3724	6,862	1,359	33,13748071	3,7045
600	2,9306	1,4653	2,901	41,46695655	5,4135
700	6,3070	3,1535	6,244	65,79982283	7,9416
800	7,9310	3,9655	7,852	86,89932795	2,8162
900	9,3250	4,6625	9,232	94,96964884	3,5369
1000	9,4995	4,7497	9,405	94,97770075	3,08213

Lampiran 31. Data Reflektan Biji Kopi Hijau *Black Honey Roasting*

Tabel 34. Data Reflektan Biji Kopi Hijau *Black Honey Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,8970	1,4485	2,86803	38,4619	1,70206
400	1,9140	9,5700	1,89486	34,2819	1,38347
500	1,0471	5,2355	1,03663	3,02	3,23589
600	2,2045	1,0225	2,18246	34,3433	1,48476
700	4,2867	2,4335	4,2438	40,6321	2,07043
800	5,9703	2,8515	5,9106	5,776	2,44342
900	7,2680	3,634	7,19532	72,8614	2,69592
1000	8,1341	4,0670	8,05276	87,9103	9,01892

Lampiran 32. Data Reflektan Biji Kopi Kuning *Black Honey Roasting*

Tabel 35. Data Reflektan Biji Kopi Kuning *Black Honey Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	1,9370	9,685	1,91763	35,2871	4,40114
400	1,3512	6,756	1,33769	15,1307	3,67586
500	1,2243	6,121	1,21206	12,0879	1,10648
600	3,0109	1,5054	2,98079	21,4787	5,48716
700	7,1893	3,5946	7,11741	35,8567	8,47897
800	1,1126	5,5631	1,1015	49,0464	3,33561
900	1,4639	7,3195	1,44926	59,1655	3,82609
1000	1,7209	8,6045	1,70369	75,2358	4,14837

Lampiran 33. Data Reflektan Biji Kopi Merah *Black Honey Roasting*

Tabel 36. Data Reflektan Biji Kopi Merah *Black Honey Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	1,9983	9,9915	1,97832	13,3007	4,470234
400	2,8560	1,428	2,82744	30,4558	1,68997
500	3,2252	1,6126	3,19295	34,5086	1,79588
600	2,2182	1,1091	2,19602	4,346	4,70978
700	2,3746	1,1873	2,35085	45,3756	4,87299
800	5,9373	2,9686	5,87793	37,7736	7,70539
900	5,6798	2,8399	5,623	47,7543	7,53644
1000	6,4581	3,2290	6,39352	55,8101	8,03623

Lampiran 34. Data Reflektan Biji Kopi Hijau *Yellow Honey Roasting*

Tabel 37. Data Reflektan Biji Kopi Hijau *Yellow Honey Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	2,8970	1,4485	2,86803	38,4619	1,70206
400	1,9140	9,5700	1,89486	34,2819	1,38347
500	1,0471	5,2355	1,03663	3,02	3,23589
600	2,2045	1,10225	2,18246	34,3433	1,48476
700	4,2867	2,14335	4,2438	40,6321	2,07043
800	5,9703	2,98515	5,9106	5,76	2,44342
900	7,2680	3,634	7,19532	72,8614	2,69592
1000	8,1341	4,0670	8,05276	87,9103	9,01892

Lampiran 35. Data Reflektan Biji Kopi Kuning *Yellow Honey Roasting*

Tabel 38. Data Reflektan Biji Kopi Kuning *Yellow Honey Roasting*

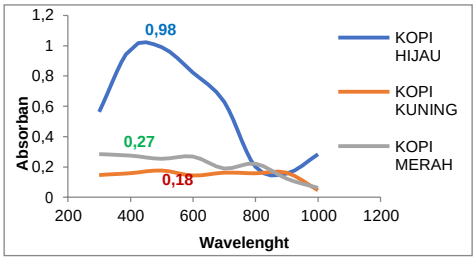
Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	1,9370	9,685	1,91763	35,2871	4,40114
400	1,3512	6,756	1,33769	15,1307	6,7586
500	1,2243	6,121	1,21206	12,0879	1,10648
600	3,0109	1,5054	2,98079	21,4787	5,48716
700	7,1893	3,5946	7,11741	35,8567	8,47897
800	1,1126	5,5631	1,1015	49,0464	3,33561
900	1,4639	7,3195	1,44926	59,1655	3,82609
1000	1,7209	8,6045	1,70369	75,2358	4,14837

Lampiran 36. Data Reflektan Biji Kopi Merah *Yellow Honey Roasting*

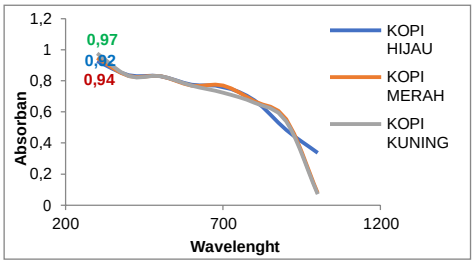
Tabel 39. Data Reflektan Biji Kopi Merah *Yellow Honey Roasting*

Panjang gelombang (nm)	Reflektan (%)	R'	R''	(lg R)	√R
300	1,9983	9,9915	1,97832	13,3007	4,470234.
400	2,8560	1,428	2,82744	3,4558	1,68997
500	3,2252	1,6126	3,19295	3,5086	1,79588
600	2,2182	1,1091	2,19602	45,346	4,70978
700	2,3746	1,1873	2,35085	45,3756	4,87299
800	5,9373	2,9686	5,87793	37,7736	7,70539
900	5,6798	2,8399	5,623	47,7543	7,53644
1000	6,4581	3,2290	6,39352	55,8101	8,03623

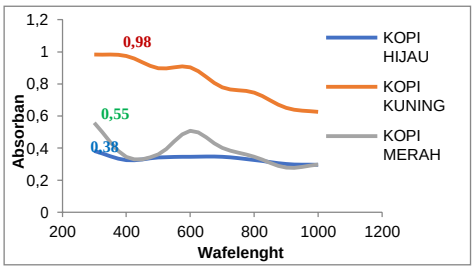
Lampiran 37. Grafik Absorban dan Reflektan



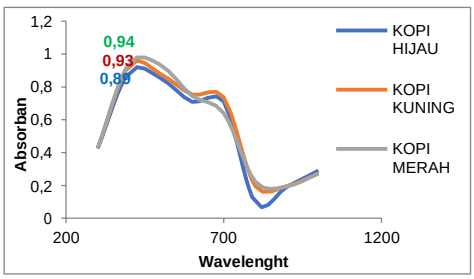
Gambar 14. Grafik Absorban Kopi *Fresh*.



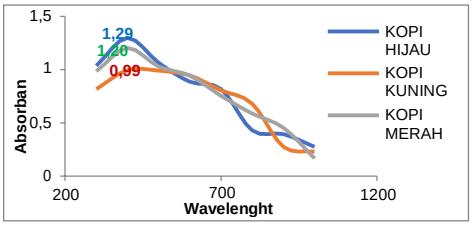
Gambar 15. Grafik Absorban Biji Kopi setelah Dikeringkan Metode *Black Honey*.



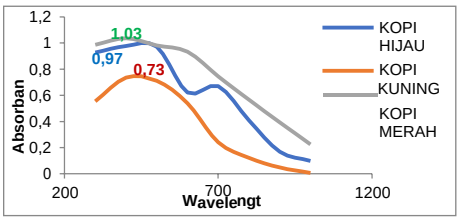
Gambar 16. Grafik Absorban Biji Kopi setelah Dikeringkan Metode *Yellow Honey*.



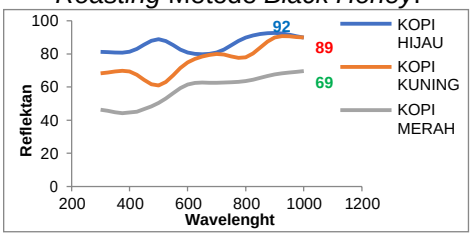
Gambar 17. Absorban Kulit Kopi setelah *Roasting.*



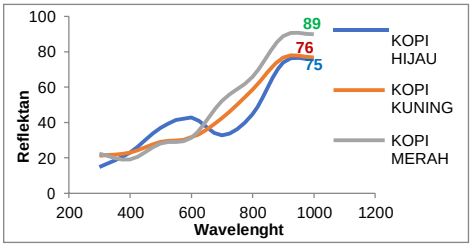
Gambar 18. Absorban Biji Kopi setelah *Roasting* Metode *Yellow Honey*.



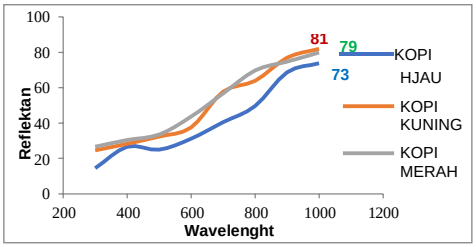
Gambar 19. Absorban Biji Kopi setelah *Roasting* Metode *Black Honey*.



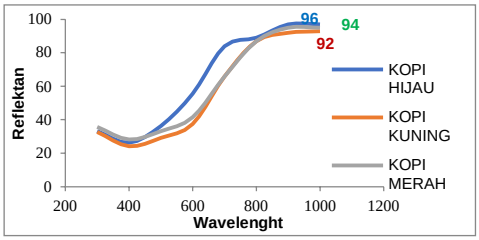
Gambar 20. Reflektan Kopi *Fresh.*



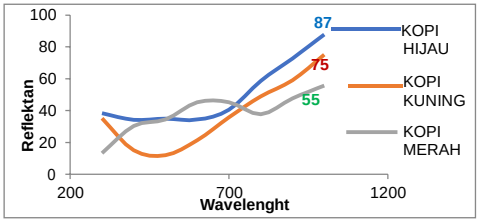
Gambar 21. Reflektan Biji Kopi setelah Dikeringkan Metode *Yellow Honey.*



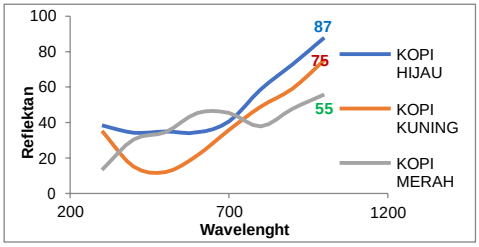
Gambar 22. Reflektan Biji Kopi setelah Dikeringkan Metode *Black Honey*.



Gambar 23. Reflektan Kulit Kopi *Roasting*.



Gambar 24. Reflelktan Biji Kopi setelah *Roasting* Menggunakan Metode *Black Honey*.



Gambar 25. Reflektan Biji Kopi setelah *Roasting* Menggunakan Metode *Yellow Honey*.

Lampiran 38. Dokumentasi Penelitian

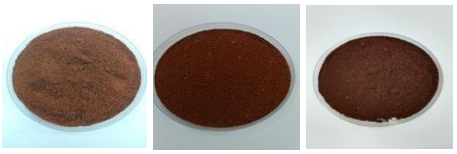
Gambar 26. Pengukuran Data Spektral.

Gambar 27. Proses *Pulper* Kopi.

Gambar 28. Proses *Roasting* kopi.

Gambar 29. Alat spektrometer.

Gambar 30. Sampel Kopi *Fresh.*



(a) (b) (c)

Gambar 31. Sampel Biji Kopi (a) Hijau, *(b)* Kuning, dan (c) Merah setelah Penyangraian dengan Metode *Black Honey*.

(a) (b) (c)

Gambar 32. Sampel Biji Kopi (a) Hijau, *(b)* Kuning, dan (c) Merah setelah Penyangraian dengan Metode *Yellow Honey*.

(a) (b) (c)

Gambar 33. Sampel Kulit Kopi (a) Hijau, (b) Kuning, dan (c) Merah setelah Penyangraia

DAFTAR RIWAYAT HIDUP

A. Data Pribadi

1. Nama : Nur Ismi Syarifuddin
2. Tempat, tgl. lahir : Dili, 01 Januari 2001
3. Alamat : Kab. Kep. Selayar
4. Kewarganegaraan : Warga Negara Indonesia

B. Riwayat Pendidikan

1. Tamat SD tahun 2013 di SMDN Bonelambere 1
2. Tamat SMP tahun 2016 di SMPN 3 Pasimasunggu
3. Tamat SMA tahun 2019 di SMAN 1 Selayar
4. Alumni S1 di Fakultas Teknik Pertanian, Universitas Hasanuddin tahun 2024.