Perpustakaan Unika

npiran 1

el 1. Luas Zona Jernih (Aktivitas Antimikrobia) *Allicin* (cm)

e	Jam Ke	Bawang Putih Sesar		Konsentrasi 0,5 %		Konsentrasi 1 %		Konsentrasi 2 %		Konsentrasi 5 %		Konsentrasi 7.5 %		Konsentrasi 10 %	
		E. Coli	B. Subtilis	E. Coli	B. Subtilis	E. Coli	B. Subtilis	E. Coli	B. Subtilis	E. Coli	B. Subtilis	E. Coli	B. Subtilis	E. Coli	B. Subtilis
	6	1.73	1.86	-	-	0.25	0.34	0.63	0.84	0.85	0.93	0.85	1.16	1.25	1.34
		1.46	1.88	-	-	0.25	0.28	0.56	0.68	0.69	0.94	0.73	1.17	1.26	1 36
		1.85	1.75	-	-	0.19	0.26	0.55	0.44	0.67	0.95	0.68	1,07	1.19	1.38
	12	1.72	1.98	-	-	-	0.22	0.33	0.51	0.68	0.75	0.71	0.83	1,04	0.93
		1.46	1.89	-	-	-	-	0.37	0.42	0.58	0.67	0.58	0.76	0.94	0.91
		1.91	1.74	-	-	-	-	0.25	0.36	0.45	0.68	0.45	0.78	0.86	0.85
	18	1.22	1.35	-	-	-	-	-	0.38	0.39	0.57	0.54	0.64	0.33	0.76
		1.23	1.26	-	-	-	-	-	0.29	0.24	0.45	0.34	0.65	0.37	0.78
		1.18	1.27	-	-	-	-	-	0.25	0.16	0.48	0.27	0.53	0.35	0.75
	24	1.61	0,83	-	-	-	-	-	-	-	0.44	-	0.38	0.16	0.33
		1.25	0,76	-	-	-	-	-	-	-	0.33	-	0.39	0.19	0.27
		1.43	0.57	-	-	-	-	-	-	-	0.32	-	0.35	0.16	0.26
	6	1.27	1.45	-	-	0.21	0.21	0.25	0.24	0.37	0.46	0.57	0.64	0.84	0.94
		1.37	1.48	-	-	0.15	0.33	0.28	0.29	0.33	0.45	0.54	0.54	0.73	0.83
		1.34	1.47	-	-	0.13	0.22	-	0.27	0.34	0.48	0.38	0.48	0.69	0.83
	12	1.64	1.73	-	-	-	-	0.17	-	0.27	0.41	0.43	0.62	0.71	0.87
		1.59	1.68	-	-	-	-	-	-	-	0.32	0.44	0.31	0.64	0.74
		1.56	1.67	-	-	-	-	-	-	-	0.36	0.25	0.37	0.63	0.63
	18	1,03	1.42	-	-	-	-	-	-	-	-	0.38	0.34	0.53	0.65
		1.14	1.46	-	-	-	-	-	-	-	-	0.25	-	0.54	0.59
		1.27	1.48	-	-	-	-	-	-	-	-	-	-	0.47	0.57
	24	0.93	1.13	-	-	-	-	-	-	-	-	-	-	-	-
		1.16	1.24	-	-	-	-	-	-	-	-	-	-	-	-
		1,08	1.38	-	-	-	-	-	-	-	-	-	-	-	-
	6	1.17	1.52	-	-	-	0.35	0.41	0.43	0.46	0.45	0.66	0.56	0.75	0.56
		1.19	1.36	-	-	-	0.37	0.46	0.35	0.47	0.56	0.64	0.47	0.77	0.34
		1,06	1.61	-	-	-	0.33	0.44	0.37	0.49	0.58	0.55	0.33	0.69	0.35
	12	1,05	1.34	-	-	-	0.26	0.37	0.24	0.35	0.24	0.58	0.34	0.54	0.28
		1.18	1.47	-	-	-	0.28	0.23	0.29	0.25	0.28	0.54	0.38	0.55	-
		1,09	1.59	-	-	-	-	0.24	-	0.36	0.26	0.44	0.29	0.75	-
	18	1,03	1.57	-	-	-	-	-	-	-	-	0.39	-	0.21	-
		0.91	1.75	-	-	-	-	-	-	-	-	0.34	-	0.31	-
		0.94	1.73	-	-	-	-	-	-	-	-	0.27	-	0.42	-
	24	0.87	1.39	-	-	-	-	-	-	-	-	-	-	-	-
		0.82	1.44	-	-	-	-	-	-	-	-	-	-	-	-
		0.76	1.52	-	-	-	-	-	-	-	-	-	-	-	-
	6	1.34	1.39	-	-	-	-	0.28	0.29	0.36	0.55	0.47	0.55	0.53	0.61
		1.29	1.24	-	-	-	-	0.18	0.25	0.24	0.49	0.34	0.47	0.53	0.57
		1.32	1.26	-	-	-	-	-	0.29	0.21	0.37	0.32	0.32	0.56	0.57
	12	1.22	1.25	-	-	-	-	0.18	-	0.16	0.36	0.29	0.34	0.27	0.59
		1.25	1.17	-	-	-	-	0.19	-	0.17	0.26	0.16	0.28	0.29	0.45
		1.23	1,09	-	-	-	-	-	-	0.19	0.23	0.15	0.29	0.25	0.34
	18	1.14	1.23	-	-	-	-	-	-	-	0.22	-	0.24	-	0.57
		1,07	1,07	-	-	-	-	-	-	-	0.18	-	0.19	-	0.34
		1.13	0.82	-	-	-	-	-	-	-	-	-	0.16	-	0.26
	24	1,05	1.17	-	-	-	-	-	-	-	0.16	-	0.14	-	0.32
		0.78	0.89	-	-	-	-	-	-	-	-	-	0.17	-	0.27
		0.83	0.66	-	-	-	-	-	-	-	-	-	-	-	0.19

Lampiran 2

Descriptive Statistics

Perpustakaan Unika

	BAWANG	HARI	JAM	Mean	Std. Deviation	N
COLI	bawang segar	0	6	1.6800	.1997	3
			12	1.6967	.2259	3
			18	1.2100	2.646E-02	3
			24	1.4300	.1800	3
			Total	1.5042	.2573	12
		1	6	1.3267	5.132E-02	3
			12	1.5967	4.041E-02	3
			18	1.1367	.1350	3
			24	1.0633	.1193	3
			Total	1.2808	.2303	12
		2	6	1.1533	4.726E-02	3
			12	1.1267	4.619E-02	3
			18	.9500	4.583E-02	3
			24	.8167	5.508E-02	3
			Total	1.0117	.1490	12
		3	6	1.3167	2.517E-02	3
			12	1.2333	1.528E-02	3
			18	1.1233	2.082E-02	3
			24	.9033	.1721	3
			Total	1.1442	.1785	12
		Total	6	1.3692	.2203	12
			12	1.4133	.2689	12
			18	1.1050	.1176	12
			24	1.0533	.2730	12
			Total	1.2352	.2728	48
	konsentrasi 1%	0	6	.2300	3.464E-02	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	5.750E-02	.1051	12
		1	6	.1633	4.163E-02	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	4.083E-02	7.597E-02	12
		2	6	.0000	.0000	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.0000	.0000	12
		3	6	.0000	.0000	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.0000	.0000	12
		Total	6	9.833E-02	.1081	12
			12	.0000	.0000	12
			18	.0000	.0000	12
			24	.0000	.0000	12
			Total	2.458E-02	6.773E-02	48

Table Caption

Descriptive Statistics

Perpustakaan Unika

	BAWANG	HARI	JAM	Mean	Std. Deviation	N
COLI	konsentrasi 2%	0	6	.5800	4.359E-02	3
			12	.3167	6.110E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.2242	.2555	12
		1	6	.1767	.1537	3
			12	5.667E-02	9.815E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	5.833E-02	.1083	12
		2	6	.4367	2.517E-02	3
			12	.2800	7.810E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1792	.1990	12
		3	6	.1533	.1419	3
			12	.1233	.1069	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	6.917E-02	.1053	12
		Total	6	.3367	.2084	12
			12	.1942	.1351	12
			18	.0000	.0000	12
			24	.0000	.0000	12
			Total	.1327	.1871	48
	konsentrasi 5%	0	6	.7367	9.866E-02	3
			12	.5700	.1153	3
			18	.2633	.1168	3
			24	.0000	.0000	3
			Total	.3925	.3068	12
		1	6	.3467	2.082E-02	3
			12	9.000E-02	.1559	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1092	.1627	12
		2	6	.4733	1.528E-02	3
			12	.3200	6.083E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1983	.2164	12
		3	6	.2700	7.937E-02	3
			12	.1733	1.528E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1108	.1259	12
		Total	6	.4567	.1931	12
			12	.2883	.2093	12
			18	6.583E-02	.1291	12
			24	.0000	.0000	12
			Total	.2027	.2377	48

Table Caption

Perpustakaan Unika

Descriptive Statistics

	BAWANG	HARI	JAM	Mean	Std. Deviation	N
COLI	konsentrasi 7.5%	0	6	.7533	8.737E-02	3
			12	.5800	.1300	3
			18	.3833	.1401	3
			24	.0000	.0000	3
			Total	.4292	.3061	12
		1	6	.4967	.1021	3
			12	.3733	.1069	3
			18	.2100	.1931	3
			24	.0000	.0000	3
			Total	.2700	.2203	12
		2	6	.6167	5.859E-02	3
			12	.5200	7.211E-02	3
			18	.3333	6.028E-02	3
			24	.0000	.0000	3
			Total	.3675	.2503	12
		3	6	.3767	8.145E-02	3
			12	.2000	7.810E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1442	.1710	12
		Total	6	.5608	.1626	12
			12	.4183	.1752	12
			18	.2317	.1867	12
			24	.0000	.0000	12
			Total	.3027	.2582	48
	konsentrasi 10%	0	6	1.2333	3.786E-02	3
			12	.9333	7.024E-02	3
			18	.3500	2.000E-02	3
			24	.1700	1.732E-02	3
			Total	.6717	.4504	12
		1	6	.7533	7.767E-02	3
			12	.6600	4.359E-02	3
			18	.5133	3.786E-02	3
			24	.0000	.0000	3
			Total	.4817	.3067	12
		2	6	.7367	4.163E-02	3
			12	.6133	.1185	3
			18	.3133	.1050	3
			24	.0000	.0000	3
			Total	.4158	.3060	12
		3	6	.5400	1.732E-02	3
			12	.2700	2.000E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.2025	.2341	12
		Total	6	.8158	.2698	12
			12	.6192	.2540	12
			18	.2942	.2000	12
			24	4.250E-02	7.724E-02	12
			Total	.4429	.3646	48

Table Caption

Descriptive Statistics

Perpustakaan Unika

	BAWANG	HARI	JAM	Mean	Std. Deviation	N
COLI	Total	0	6	.8689	.4889	18
			12	.6828	.5595	18
			18	.3678	.4231	18
			24	.2667	.5427	18
			Total	.5465	.5519	72
		1	6	.5439	.4216	18
			12	.4628	.5765	18
			18	.3100	.4327	18
			24	.1772	.4098	18
			Total	.3735	.4768	72
		2	6	.5694	.3584	18
			12	.4767	.3648	18
			18	.2661	.3510	18
			24	.1361	.3137	18
			Total	.3621	.3810	72
		3	6	.4428	.4426	18
			12	.3333	.4253	18
			18	.1872	.4308	18
			24	.1506	.3514	18
			Total	.2785	.4220	72
		Total	6	.6062	.4506	72
			12	.4889	.4956	72
			18	.2828	.4075	72
			24	.1826	.4080	72
			Total	.3901	.4702	288
SUBTILIS	bawang segar	0	6	1.8300	7.000E-02	3
			12	1.8700	.1212	3
			18	1.2933	4.933E-02	3
			24	.7200	.1345	3
			Total	1.4283	.4963	12
		1	6	1.4667	1.528E-02	3
			12	1.6933	3.215E-02	3
			18	1.4533	3.055E-02	3
			24	1.2500	.1253	3
			Total	1.4658	.1735	12
		2	6	1.4967	.1266	3
			12	1.4667	.1250	3
			18	1.6833	9.866E-02	3
			24	1.4500	6.557E-02	3
			Total	1.5242	.1335	12
		3	6	1.2967	8.145E-02	3
			12	1.1733	7.506E-02	3
			18	1.0500	.2095	3
			24	.9067	.2554	3
			Total	1.1067	.2119	12
		Total	6	1.5225	.2140	12
			12	1.5508	.2843	12
			18	1.3700	.2618	12
			24	1.0817	.3279	12
			Total	1.3813	.3259	48

Table Caption

Descriptive Statistics

Perpustakaan Unika

	BAWANG	HARI	JAM	Mean	Std. Deviation	N
SUBTILIS	konsentrasi 1%	0	6	.2933	4.163E-02	3
			12	7.333E-02	.1270	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	9.167E-02	.1379	12
		1	6	.2533	6.658E-02	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	6.333E-02	.1180	12
		2	6	.3500	2.000E-02	3
			12	.1800	.1562	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1325	.1661	12
		3	6	.0000	.0000	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.0000	.0000	12
		Total	6	.2242	.1441	12
			12	6.333E-02	.1153	12
			18	.0000	.0000	12
			24	.0000	.0000	12
			Total	7.187E-02	.1286	48
	konsentrasi 2%	0	6	.6533	.2013	3
			12	.4300	7.550E-02	3
			18	.3067	6.658E-02	3
			24	.0000	.0000	3
			Total	.3475	.2645	12
		1	6	.2667	2.517E-02	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	6.667E-02	.1211	12
		2	6	.3833	4.163E-02	3
			12	.1767	.1550	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1400	.1786	12
		3	6	.2767	2.309E-02	3
			12	.0000	.0000	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	6.917E-02	.1255	12
		Total	6	.3950	.1856	12
			12	.1517	.1981	12
			18	7.667E-02	.1416	12
			24	.0000	.0000	12
			Total	.1558	.2106	48

Table Caption

Descriptive Statistics

Perpustakaan Unika

	BAWANG	HARI	JAM	Mean	Std. Deviation	N
SUBTILIS	konsentrasi 5%	0	6	.9400	1.000E-02	3
			12	.7000	4.359E-02	3
			18	.6833	.2779	3
			24	.3633	6.658E-02	3
			Total	.6717	.2470	12
		1	6	.4633	1.528E-02	3
			12	.3633	4.509E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.2067	.2199	12
		2	6	.5300	7.000E-02	3
			12	.2600	2.000E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1975	.2312	12
		3	6	.4700	9.165E-02	3
			12	.2833	6.807E-02	3
			18	.1333	.1172	3
			24	5.333E-02	9.238E-02	3
			Total	.2350	.1842	12
		Total	6	.6008	.2122	12
			12	.4017	.1887	12
			18	.2042	.3213	12
			24	.1042	.1652	12
			Total	.3277	.2942	48
	konsentrasi 7.5%	0	6	1.1433	3.786E-02	3
			12	.7900	3.606E-02	3
			18	.6067	6.658E-02	3
			24	.3733	2.082E-02	3
			Total	.7283	.2963	12
		1	6	.5533	8.083E-02	3
			12	.4333	.1644	3
			18	.1133	.1963	3
			24	.0000	.0000	3
			Total	.2750	.2623	12
		2	6	.4533	.1159	3
			12	.3367	4.509E-02	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1975	.2173	12
		3	6	.4467	.1168	3
			12	.3033	3.215E-02	3
			18	.1967	4.041E-02	3
			24	.1033	9.074E-02	3
			Total	.2625	.1492	12
		Total	6	.6492	.3116	12
			12	.4658	.2154	12
			18	.2292	.2554	12
			24	.1192	.1643	12
			Total	.3658	.3139	48

ble Caption

Descriptive Statistics

	BAWANG	HARI	JAM	Mean	Std. Deviation	N
SUBTILIS	konsentrasi 10%	0	6	1.3600	2.000E-02	3
			12	.8967	4.163E-02	3
			18	.7633	1.528E-02	3
			24	.2867	3.786E-02	3
			Total	.8267	.4003	12
		1	6	.8667	6.351E-02	3
			12	.7467	.1201	3
			18	.6033	4.163E-02	3
			24	.0000	.0000	3
			Total	.5542	.3533	12
		2	6	.4167	.1242	3
			12	9.333E-02	.1617	3
			18	.0000	.0000	3
			24	.0000	.0000	3
			Total	.1275	.1989	12
		3	6	.5833	2.309E-02	3
			12	.4600	.1253	3
			18	.3900	.1609	3
			24	.2600	6.557E-02	3
			Total	.4233	.1529	12
		Total	6	.8067	.3785	12
			12	.5492	.3361	12
			18	.4392	.3071	12
			24	.1367	.1467	12
			Total	.4829	.3822	48
	Total	0	6	1.0367	.5122	18
			12	.7933	.5724	18
			18	.6089	.4241	18
			24	.2906	.2595	18
			Total	.6824	.5251	72
		1	6	.6450	.4351	18
			12	.5394	.5983	18
			18	.3617	.5528	18
			24	.2083	.4813	18
			Total	.4386	.5366	72
		2	6	.6050	.4218	18
			12	.4189	.4994	18
			18	.2806	.6464	18
			24	.2417	.5565	18
			Total	.3865	.5450	72
		3	6	.5122	.4125	18
			12	.3700	.4110	18
			18	.2950	.3863	18
			24	.2206	.3436	18
			Total	.3494	.3962	72
		Total	6	.6997	.4819	72
			12	.5304	.5399	72
			18	.3865	.5193	72
			24	.2403	.4183	72
			Total	.4642	.5184	288

ble Caption

Perpustakaan Unika

Perpustakaan Unika

Bawang segar, Hari ke-nol

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.480	3	.160	5.160	.028
	Within Groups	.248	8	3.101E-02		
	Total	.728	11			
SUBTILIS	Between Groups	2.629	3	.876	87.346	.000
	Within Groups	8.027E-02	8	1.003E-02		
	Total	2.709	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
18	3	1.2100	
24	3	1.4300	1.4300
6	3		1.6800
12	3		1.6967
Sig.		.165	.113

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.7200		
18	3		1.2933	
6	3			1.8300
12	3			1.8700
Sig.		1.000	1.000	.638

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Bawang segar, Hari pertama

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.510	3	.170	18.505	.001
	Within Groups	7.347E-02	8	9.183E-03		
	Total	.583	11			
SUBTILIS	Between Groups	.295	3	9.850E-02	22.011	.000
	Within Groups	3.580E-02	8	4.475E-03		
	Total	.331	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	1.0633		
18	3	1.1367		
6	3		1.3267	
12	3			1.5967
Sig.		.376	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	1.2500		
18	3		1.4533	
6	3		1.4667	
12	3			1.6933
Sig.		1.000	.813	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Bawang segar, Hari kedua

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.225	3	7.512E-02	31.630	.000
	Within Groups	1.900E-02	8	2.375E-03		
	Total	.244	11			
SUBTILIS	Between Groups	.105	3	3.490E-02	3.054	.092
	Within Groups	9.140E-02	8	1.142E-02		
	Total	.196	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.8167		
18	3		.9500	
12	3			1.1267
6	3			1.1533
Sig.		1.000	1.000	.522

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
24	3	1.4500	
12	3	1.4667	
6	3	1.4967	1.4967
18	3		1.6833
Sig.		.622	.065

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Bawang segar, Hari ketiga

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.288	3	9.614E-02	12.432	.002
	Within Groups	6.187E-02	8	7.733E-03		
	Total	.350	11			
SUBTILIS	Between Groups	.251	3	8.376E-02	2.760	.112
	Within Groups	.243	8	3.035E-02		
	Total	.494	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.9033		
18	3		1.1233	
12	3		1.2333	1.2333
6	3			1.3167
Sig.		1.000	.164	.279

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
24	3	.9067	
18	3	1.0500	1.0500
12	3	1.1733	1.1733
6	3		1.2967
Sig.		.110	.135

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 1%, hari ke-nol

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.119	3	3.967E-02	132.250	.000
	Within Groups	2.400E-03	8	3.000E-04		
	Total	.121	11			
SUBTILIS	Between Groups	.173	3	5.781E-02	12.943	.002
	Within Groups	3.573E-02	8	4.467E-03		
	Total	.209	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
12	3	.0000	
18	3	.0000	
24	3	.0000	
6	3		.2300
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
18	3	.0000	
24	3	.0000	
12	3	7.333E-02	
6	3		.2933
Sig.		.233	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 1%, Hari pertama

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	6.002E-02	3	2.001E-02	46.173	.000
	Within Groups	3.467E-03	8	4.333E-04		
	Total	6.349E-02	11			
SUBTILIS	Between Groups	.144	3	4.813E-02	43.429	.000
	Within Groups	8.867E-03	8	1.108E-03		
	Total	.153	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
12	3	.0000	
18	3	.0000	
24	3	.0000	
6	3		.1633
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
12	3	.0000	
18	3	.0000	
24	3	.0000	
6	3		.2533
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 1%, Hari kedua

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.000	3	.000	.	.
	Within Groups	.000	8	.000		
	Total	.000	11			
SUBTILIS	Between Groups	.254	3	8.468E-02	13.657	.002
	Within Groups	4.960E-02	8	6.200E-03		
	Total	.304	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05			
		1	2	3	4
6	3	.0000			
12	3		.0000		
18	3			.0000	
24	3				.0000
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.1800	
6	3			.3500
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 1%, Hari ketiga

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.000	3	.000	.	.
	Within Groups	.000	8	.000		
	Total	.000	11			
SUBTILIS	Between Groups	.000	3	.000	.	.
	Within Groups	.000	8	.000		
	Total	.000	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05			
		1	2	3	4
6	3	.0000			
12	3		.0000		
18	3			.0000	
24	3				.0000
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05			
		1	2	3	4
6	3	.0000			
12	3		.0000		
18	3			.0000	
24	3				.0000
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 2%, Hari ke-nol

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.707	3	.236	167.343	.000
	Within Groups	1.127E-02	8	1.408E-03		
	Total	.718	11			
SUBTILIS	Between Groups	.668	3	.223	17.587	.001
	Within Groups	.101	8	1.267E-02		
	Total	.770	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.3167	
6	3			.5800
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.0000		
18	3		.3067	
12	3		.4300	
6	3			.6533
Sig.		1.000	.216	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 2%, Hari pertama

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	6.243E-02	3	2.081E-02	2.502	.133
	Within Groups	6.653E-02	8	8.317E-03		
	Total	.129	11			
SUBTILIS	Between Groups	.160	3	5.333E-02	336.842	.000
	Within Groups	1.267E-03	8	1.583E-04		
	Total	.161	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05
		1
18	3	.0000
24	3	.0000
12	3	5.667E-02
6	3	.1767
Sig.		.057

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
12	3	.0000	
18	3	.0000	
24	3	.0000	
6	3		.2667
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 2%, Hari kedua

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.422	3	.141	83.569	.000
	Within Groups	1.347E-02	8	1.683E-03		
	Total	.435	11			
SUBTILIS	Between Groups	.299	3	9.976E-02	15.486	.001
	Within Groups	5.153E-02	8	6.442E-03		
	Total	.351	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.2800	
6	3			.4367
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.1767	
6	3			.3833
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 2%, Hari ketiga

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	5.876E-02	3	1.959E-02	2.482	.135
	Within Groups	6.313E-02	8	7.892E-03		
	Total	.122	11			
SUBTILIS	Between Groups	.172	3	5.741E-02	430.563	.000
	Within Groups	1.067E-03	8	1.333E-04		
	Total	.173	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05
		1
18	3	.0000
24	3	.0000
12	3	.1233
6	3	.1533
Sig.		.082

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
12	3	.0000	
18	3	.0000	
24	3	.0000	
6	3		.2767
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 5%, Hari ke-nol

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.962	3	.321	34.985	.000
	Within Groups	7.333E-02	8	9.167E-03		
	Total	1.035	11			
SUBTILIS	Between Groups	.504	3	.168	8.032	.008
	Within Groups	.167	8	2.092E-02		
	Total	.671	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.0000		
18	3		.2633	
12	3			.5700
6	3			.7367
Sig.		1.000	1.000	.066

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
24	3	.3633	
18	3		.6833
12	3		.7000
6	3		.9400
Sig.		1.000	.071

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 5%, Hari pertama

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.242	3	8.061E-02	13.036	.002
	Within Groups	4.947E-02	8	6.183E-03		
	Total	.291	11			
SUBTILIS	Between Groups	.528	3	.176	310.314	.000
	Within Groups	4.533E-03	8	5.667E-04		
	Total	.532	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
18	3	.0000	
24	3	.0000	
12	3	9.000E-02	
6	3		.3467
Sig.		.216	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.3633	
6	3			.4633
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 5%, Hari kedua

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.507	3	.169	171.966	.000
	Within Groups	7.867E-03	8	9.833E-04		
	Total	.515	11			
SUBTILIS	Between Groups	.577	3	.192	145.264	.000
	Within Groups	1.060E-02	8	1.325E-03		
	Total	.588	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.3200	
6	3			.4733
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.2600	
6	3			.5300
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 5%, Hari ketiga

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.161	3	5.381E-02	32.944	.000
	Within Groups	1.307E-02	8	1.633E-03		
	Total	.174	11			
SUBTILIS	Between Groups	.303	3	.101	11.433	.003
	Within Groups	7.060E-02	8	8.825E-03		
	Total	.373	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.1733	
6	3			.2700
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	5.333E-02		
18	3	.1333	.1333	
12	3		.2833	
6	3			.4700
Sig.		.327	.086	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 7.5%, Hari ke-nol

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.942	3	.314	28.449	.000
	Within Groups	8.833E-02	8	1.104E-02		
	Total	1.031	11			
SUBTILIS	Between Groups	.951	3	.317	166.766	.000
	Within Groups	1.520E-02	8	1.900E-03		
	Total	.966	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.0000		
18	3		.3833	
12	3		.5800	.5800
6	3			.7533
Sig.		1.000	.051	.078

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05			
		1	2	3	4
24	3	.3733			
18	3		.6067		
12	3			.7900	
6	3				1.1433
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 7.5%, Hari pertama

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.416	3	.139	9.367	.005
	Within Groups	.118	8	1.479E-02		
	Total	.534	11			
SUBTILIS	Between Groups	.613	3	.204	11.334	.003
	Within Groups	.144	8	1.803E-02		
	Total	.757	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.0000		
18	3	.2100	.2100	
12	3		.3733	.3733
6	3			.4967
Sig.		.067	.139	.249

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
24	3	.0000	
18	3	.1133	
12	3		.4333
6	3		.5533
Sig.		.331	.306

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 7.5%, Hari kedua

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.665	3	.222	72.249	.000
	Within Groups	2.453E-02	8	3.067E-03		
	Total	.689	11			
SUBTILIS	Between Groups	.488	3	.163	42.111	.000
	Within Groups	3.093E-02	8	3.867E-03		
	Total	.519	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.0000		
18	3		.3333	
12	3			.5200
6	3			.6167
Sig.		1.000	1.000	.065

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
18	3	.0000	
24	3	.0000	
12	3		.3367
6	3		.4533
Sig.		1.000	.051

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 7.5%, Hari ketiga

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.296	3	9.874E-02	31.018	.000
	Within Groups	2.547E-02	8	3.183E-03		
	Total	.322	11			
SUBTILIS	Between Groups	.196	3	6.525E-02	10.639	.004
	Within Groups	4.907E-02	8	6.133E-03		
	Total	.245	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.2000	
6	3			.3767
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.1033		
18	3	.1967	.1967	
12	3		.3033	.3033
6	3			.4467
Sig.		.183	.134	.055

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 10%, Hari ke-nol

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	2.217	3	.739	418.346	.000
	Within Groups	1.413E-02	8	1.767E-03		
	Total	2.231	11			
SUBTILIS	Between Groups	1.755	3	.585	615.743	.000
	Within Groups	7.600E-03	8	9.500E-04		
	Total	1.762	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05			
		1	2	3	4
24	3	.1700			
18	3		.3500		
12	3			.9333	
6	3				1.2333
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05			
		1	2	3	4
24	3	.2867			
18	3		.7633		
12	3			.8967	
6	3				1.3600
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 10%, Hari pertama

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	1.016	3	.339	144.603	.000
	Within Groups	1.873E-02	8	2.342E-03		
	Total	1.035	11			
SUBTILIS	Between Groups	1.333	3	.444	87.966	.000
	Within Groups	4.040E-02	8	5.050E-03		
	Total	1.373	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05			
		1	2	3	4
24	3	.0000			
18	3		.5133		
12	3			.6600	
6	3				.7533
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.0000		
18	3		.6033	
12	3			.7467
6	3			.8667
Sig.		1.000	1.000	.072

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 10%, Hari kedua

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.976	3	.325	48.562	.000
	Within Groups	5.360E-02	8	6.700E-03		
	Total	1.030	11			
SUBTILIS	Between Groups	.352	3	.117	11.288	.003
	Within Groups	8.313E-02	8	1.039E-02		
	Total	.435	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
24	3	.0000		
18	3		.3133	
12	3			.6133
6	3			.7367
Sig.		1.000	1.000	.102

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
18	3	.0000	
24	3	.0000	
12	3	9.333E-02	
6	3		.4167
Sig.		.313	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

Konsentrasi 10%, Hari ketiga

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
COLI	Between Groups	.601	3	.200	1145.571	.000
	Within Groups	1.400E-03	8	1.750E-04		
	Total	.603	11			
SUBTILIS	Between Groups	.164	3	5.473E-02	4.715	.035
	Within Groups	9.287E-02	8	1.161E-02		
	Total	.257	11			

Post Hoc Tests

Homogeneous Subsets

COLI

Duncan[a]

JAM	N	Subset for alpha = .05		
		1	2	3
18	3	.0000		
24	3	.0000		
12	3		.2700	
6	3			.5400
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

SUBTILIS

Duncan[a]

JAM	N	Subset for alpha = .05	
		1	2
24	3	.2600	
18	3	.3900	.3900
12	3	.4600	.4600
6	3		.5833
Sig.		.061	.068

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Perpustakaan Unika

SUBTILIS

Duncan [a,b]

BAWANG	N	Subset 1	2	3	4	5	6
konsentrasi 1%	48	7.187E-02					
konsentrasi 2%	48		.1558				
konsentrasi 5%	48			.3277			
konsentrasi 7.5%	48				.3658		
konsentrasi 10%	48					.4829	
bawang segar	48						1.3813
Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 7.376E-03.

a. Uses Harmonic Mean Sample Size = 48.000.

b. Alpha = .05.

COLI

Duncan [a,b]

HARI	N	Subset 1	2	3
3	72	.2785		
2	72		.3621	
1	72		.3735	
0	72			.5465
Sig.		1.000	.356	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 5.474E-03.

a. Uses Harmonic Mean Sample Size = 72.000.

b. Alpha = .05.

SUBTILIS

Duncan [a,b]

HARI	N	Subset 1	2	3	4
3	72	.3494			
2	72		.3865		
1	72			.4386	
0	72				.6824
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 7.376E-03.

a. Uses Harmonic Mean Sample Size = 72.000.

b. Alpha = .05.

Perpustakaan Unika

COLI

Duncan [a,b]

JAM	N	Subset 1	2	3	4
24	72	.1826			
18	72		.2828		
12	72			.4889	
6	72				.6062
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 5.474E-03.

a. Uses Harmonic Mean Sample Size = 72.000.

b. Alpha = .05.

SUBTILIS

Duncan [a,b]

JAM	N	Subset 1	2	3	4
24	72	.2403			
18	72		.3865		
12	72			.5304	
6	72				.6997
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 7.376E-03.

a. Uses Harmonic Mean Sample Size = 72.000.

b. Alpha = .05.

Perpustakaan Unika

Berdasarkan hari

COLI SUBTILIS * HARI

HARI		COLI	SUBTILIS
0	Mean	.5465	.6824
	N	72	72
	Std. Deviation	.5519	.5251
1	Mean	.3735	.4386
	N	72	72
	Std. Deviation	.4768	.5366
2	Mean	.3621	.3865
	N	72	72
	Std. Deviation	.3810	.5450
3	Mean	.2785	.3494
	N	72	72
	Std. Deviation	.4220	.3962
Total	Mean	.3901	.4642
	N	288	288
	Std. Deviation	.4702	.5184

Berdasarkan waktu inkubasi

COLI SUBTILIS * JAM

JAM		COLI	SUBTILIS
6	Mean	.6062	.6997
	N	72	72
	Std. Deviation	.4506	.4819
12	Mean	.4889	.5304
	N	72	72
	Std. Deviation	.4956	.5399
18	Mean	.2828	.3865
	N	72	72
	Std. Deviation	.4075	.5193
24	Mean	.1826	.2403
	N	72	72
	Std. Deviation	.4080	.4183
Total	Mean	.3901	.4642
	N	288	288
	Std. Deviation	.4702	.5184

Perpustakaan Unika

Hasil nilai rata-rata zona jernih untuk bakteri E. coli dan subtilis berdasarkan j
yang digunakan

COLI SUBTILIS * BAWANG

BAWANG		COLI	SUBTILIS
bawang segar	Mean	1.2352	1.3813
	N	48	48
	Std. Deviation	.2728	.3259
konsentrasi 1%	Mean	2.458E-02	7.187E-02
	N	48	48
	Std. Deviation	6.773E-02	.1286
konsentrasi 2%	Mean	.1327	.1558
	N	48	48
	Std. Deviation	.1871	.2106
konsentrasi 5%	Mean	.2027	.3277
	N	48	48
	Std. Deviation	.2377	.2942
konsentrasi 7.5%	Mean	.3027	.3658
	N	48	48
	Std. Deviation	.2582	.3139
konsentrasi 10%	Mean	.4429	.4829
	N	48	48
	Std. Deviation	.3646	.3822
Total	Mean	.3901	.4642
	N	288	288
	Std. Deviation	.4702	.5184

Perpustakaan Unika

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	COLI	62.404[a]	95	.657	120.009	.000
	SUBTILIS	75.697[b]	95	.797	108.032	.000
Intercept	COLI	43.836	1	43.836	8008.608	.000
	SUBTILIS	62.068	1	62.068	8415.258	.000
BAWANG	COLI	46.061	5	9.212	1683.019	.000
	SUBTILIS	53.695	5	10.739	1455.999	.000
HARI	COLI	2.735	3	.912	166.582	.000
	SUBTILIS	4.856	3	1.619	219.480	.000
JAM	COLI	7.995	3	2.665	486.866	.000
	SUBTILIS	8.354	3	2.785	377.552	.000
BAWANG * HARI	COLI	1.672	15	.111	20.369	.000
	SUBTILIS	4.230	15	.282	38.237	.000
BAWANG * JAM	COLI	2.187	15	.146	26.637	.000
	SUBTILIS	1.319	15	8.791E-02	11.918	.000
HARI * JAM	COLI	.707	9	7.852E-02	14.345	.000
	SUBTILIS	1.293	9	.144	19.480	.000
BAWANG * HARI * JAM	COLI	1.047	45	2.326E-02	4.250	.000
	SUBTILIS	1.949	45	4.332E-02	5.873	.000
Error	COLI	1.051	192	5.474E-03		
	SUBTILIS	1.416	192	7.376E-03		
Total	COLI	107.291	288			
	SUBTILIS	139.182	288			
Corrected Total	COLI	63.455	287			
	SUBTILIS	77.113	287			

a. R Squared = .983 (Adjusted R Squared = .975)

b. R Squared = .982 (Adjusted R Squared = .973)

COLI

Duncan [a,b]

BAWANG	N	Subset 1	2	3	4	5	6
konsentrasi 1%	48	2.458E-02					
konsentrasi 2%	48		.1327				
konsentrasi 5%	48			.2027			
konsentrasi 7.5%	48				.3027		
konsentrasi 10%	48					.4429	
bawang segar	48						1.2352
Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 5.474E-03.

a. Uses Harmonic Mean Sample Size = 48.000.

b. Alpha = .05.

Perpustakaan Unika

Nilai uji beda nyata dan Deskriptif pada jam ke 6

Descriptive Statistics untuk jam ke 6

	BAWANG	HARI	Mean	Std. Deviation	N
COLI	bawang segar	0	1.6800	.1997	3
		1	1.3267	5.132E-02	3
		2	1.1533	4.726E-02	3
		3	1.3167	2.517E-02	3
		Total	1.3692	.2203	12
	konsentrasi 1%	0	.2300	3.464E-02	3
		1	.1633	4.163E-02	3
		2	.0000	.0000	3
		3	.0000	.0000	3
		Total	9.833E-02	.1081	12
	konsentrasi 2%	0	.5800	4.359E-02	3
		1	.1767	.1537	3
		2	.4367	2.517E-02	3
		3	.1533	.1419	3
		Total	.3367	.2084	12
	konsentrasi 5%	0	.7367	9.866E-02	3
		1	.3467	2.082E-02	3
		2	.4733	1.528E-02	3
		3	.2700	7.937E-02	3
		Total	.4567	.1931	12
	konsentrasi 7.5%	0	.7533	8.737E-02	3
		1	.4967	.1021	3
		2	.6167	5.859E-02	3
		3	.3767	8.145E-02	3
		Total	.5608	.1626	12
	konsentrasi 10%	0	1.2333	3.786E-02	3
		1	.7533	7.767E-02	3
		2	.7367	4.163E-02	3
		3	.5400	1.732E-02	3
		Total	.8158	.2698	12
	Total	0	.8689	.4889	18
		1	.5439	.4216	18
		2	.5694	.3584	18
		3	.4428	.4426	18
		Total	.6062	.4506	72
SUBTILIS	bawang segar	0	1.8300	7.000E-02	3
		1	1.4667	1.528E-02	3
		2	1.4967	.1266	3
		3	1.2967	8.145E-02	3
		Total	1.5225	.2140	12
	konsentrasi 1%	0	.2933	4.163E-02	3
		1	.2533	6.658E-02	3
		2	.3500	2.000E-02	3
		3	.0000	.0000	3
		Total	.2242	.1441	12

Perpustakaan Unika

Descriptive Statistics untuk jam ke 6

	BAWANG	HARI	Mean	Std. Deviation	N
SUBTILIS	konsentrasi 2%	0	.6533	.2013	3
		1	.2667	2.517E-02	3
		2	.3833	4.163E-02	3
		3	.2767	2.309E-02	3
		Total	.3950	.1856	12
	konsentrasi 5%	0	.9400	1.000E-02	3
		1	.4633	1.528E-02	3
		2	.5300	7.000E-02	3
		3	.4700	9.165E-02	3
		Total	.6008	.2122	12
	konsentrasi 7.5%	0	1.1433	3.786E-02	3
		1	.5533	8.083E-02	3
		2	.4533	.1159	3
		3	.4467	.1168	3
		Total	.6492	.3116	12
	konsentrasi 10%	0	1.3600	2.000E-02	3
		1	.8667	6.351E-02	3
		2	.4167	.1242	3
		3	.5833	2.309E-02	3
		Total	.8067	.3785	12
	Total	0	1.0367	.5122	18
		1	.6450	.4351	18
		2	.6050	.4218	18
		3	.5122	.4125	18
		Total	.6997	.4819	72

Hasil uji beda nyata 2 arah untuk jam ke 6

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square
Corrected Model	COLI	14.117[a]	23	.614
	SUBTILIS	16.194[b]	23	.704
Intercept	COLI	26.463	1	26.463
	SUBTILIS	35.252	1	35.252
BAWANG	COLI	11.773	5	2.355
	SUBTILIS	12.237	5	2.447
HARI	COLI	1.817	3	.606
	SUBTILIS	2.892	3	.964
BAWANG * HARI	COLI	.527	15	3.516E-02
	SUBTILIS	1.065	15	7.101E-02
Error	COLI	.298	48	6.207E-03
	SUBTILIS	.294	48	6.119E-03
Total	COLI	40.878	72	
	SUBTILIS	51.740	72	
Corrected Total	COLI	14.415	71	
	SUBTILIS	16.488	71	

Perpustakaan Unika

Post Hoc Tests

Konsentrasi bawang pada jam ke 6

Homogeneous Subsets

COLI

Duncan[a,b]

BAWANG	N	Subset 1	2	3	4
konsentrasi 1%	12	9.833E-02			
konsentrasi 2%	12		.3367		
konsentrasi 5%	12			.4567	
konsentrasi 7.5%	12				.5608
konsentrasi 10%	12				
bawang segar	12				
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 6.207E-03.

COLI

Duncan[a,b]

BAWANG	Subset 5	6
konsentrasi 1%		
konsentrasi 2%		
konsentrasi 5%		
konsentrasi 7.5%		
konsentrasi 10%	.8158	
bawang segar		1.3692
Sig.	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 6.207E-03.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Perpustakaan Unika

SUBTILIS

Duncan[a,b]

HARI	N	Subset		
		1	2	3
3	18	.5122		
2	18		.6050	
1	18		.6450	
0	18			1.0367
Sig.		1.000	.132	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 6.119E-03.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.

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Perpustakaan Unika

SUBTILIS

Duncan[a,b]

BAWANG	N	Subset 1	2	3	4	5
konsentrasi 1%	12	.2242				
konsentrasi 2%	12		.3950			
konsentrasi 5%	12			.6008		
konsentrasi 7.5%	12			.6492		
konsentrasi 10%	12				.8067	
bawang segar	12					1.5225
Sig.		1.000	1.000	.137	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 6.119E-03.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

Hari pada jam ke 6

Homogeneous Subsets

COLI

Duncan[a,b]

HARI	N	Subset 1	2	3
3	18	.4428		
1	18		.5439	
2	18		.5694	
0	18			.8689
Sig.		1.000	.335	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = 6.207E-03.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = .05.