

## 7. LAMPIRAN

### Lampiran 1. Uji Normalitas Data (Kolmogorov-Smirnov)

Normalitas Antioksidan Serbuk Daun Jati Muda

		Tests of Normality					
		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Konsentrasi	Statistic	df	Sig.	Statistic	df	Sig.
Antioks_serbuk	20%	.290	6	.126	.816	6	.082
	40%	.161	6	.200*	.985	6	.974
	60%	.272	6	.189	.796	6	.054

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

Normalitas Warna dan Bulk Density Serbuk Daun Jati Muda

		Tests of Normality					
		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Konsentrasi	Statistic	df	Sig.	Statistic	df	Sig.
L	20%	.258	6	.200*	.867	6	.213
	40%	.252	6	.200*	.890	6	.317
	60%	.244	6	.200*	.908	6	.423
a	20%	.246	6	.200*	.869	6	.221
	40%	.230	6	.200*	.885	6	.295
	60%	.230	6	.200*	.940	6	.658
b	20%	.183	6	.200*	.937	6	.633
	40%	.237	6	.200*	.942	6	.675
	60%	.210	6	.200*	.959	6	.814
Bulk_density	20%	.277	6	.168	.835	6	.118
	40%	.256	6	.200*	.851	6	.160
	60%	.274	6	.178	.826	6	.100

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

Normalitas Antosianin Serbuk Daun Jati Muda Saat Pelarutan dan Setelah Didiamkan 9 jam

Tests of Normality							
Konsent rasi	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Anto_awal	20%	.159	6	.200*	.954	6	.771
	40%	.186	6	.200*	.911	6	.444
	60%	.158	6	.200*	.986	6	.979
Anto_akhir	20%	.252	6	.200*	.838	6	.126
	40%	.152	6	.200*	.992	6	.993
	60%	.212	6	.200*	.929	6	.569

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

Normalitas Antioksidan Serbuk Daun Jati Muda Saat Pelarutan dan Setelah Didiamkan 9 jam

Tests of Normality							
Kosnse ntrasi	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
Antioks_awal	20%	.184	6	.200*	.942	6	.673
	40%	.190	6	.200*	.948	6	.721
	60%	.149	6	.200*	.989	6	.987
Antioks_akhir	20%	.232	6	.200*	.897	6	.359
	40%	.220	6	.200*	.881	6	.273
	60%	.173	6	.200*	.985	6	.973

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

## Normalitas Kemampuan Pembasahan dan Kelarutan Serbuk Daun Jati Muda

Tests of Normality

	Konsent rasi	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Pembasahan	20%	.185	6	.200*	.946	6	.705
	40%	.225	6	.200*	.905	6	.404
	60%	.258	6	.200*	.891	6	.322

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

Tests of Normality

	Konsent rasi	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kelarutan	20%	.188	6	.200*	.900	6	.374
	40%	.196	6	.200*	.925	6	.545
	60%	.188	6	.200*	.940	6	.657

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

Normalitas Perubahan Warna Serbuk Daun Jati Muda Saat Pelarutan dan Setelah Didiamkan 9 jam

Tests of Normality

Konsentrasi	Konsentrasi	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Lt0	20%	.187	6	.200*	.950	6	.737
	40%	.202	6	.200*	.891	6	.323
	60%	.285	6	.139	.826	6	.099
at0	20%	.197	6	.200*	.908	6	.426
	40%	.251	6	.200*	.901	6	.382
	60%	.222	6	.200*	.892	6	.327
bt0	20%	.290	6	.126	.862	6	.197
	40%	.193	6	.200*	.959	6	.810
	60%	.292	6	.120	.849	6	.155
Lt1	20%	.220	6	.200*	.948	6	.724
	40%	.177	6	.200*	.923	6	.527
	60%	.180	6	.200*	.951	6	.748
at1	20%	.169	6	.200*	.988	6	.982
	40%	.228	6	.200*	.931	6	.590
	60%	.223	6	.200*	.961	6	.829
bt1	20%	.171	6	.200*	.971	6	.897
	40%	.171	6	.200*	.968	6	.877
	60%	.161	6	.200*	.960	6	.817
Lt2	20%	.117	6	.200*	.992	6	.994
	40%	.191	6	.200*	.934	6	.615
	60%	.180	6	.200*	.921	6	.509
at2	20%	.309	6	.076	.840	6	.130
	40%	.181	6	.200*	.960	6	.817
	60%	.168	6	.200*	.974	6	.920
bt2	20%	.257	6	.200*	.826	6	.099
	40%	.204	6	.200*	.968	6	.882
	60%	.172	6	.200*	.967	6	.875
Lt3	20%	.228	6	.200*	.944	6	.689
	40%	.232	6	.200*	.950	6	.742
	60%	.172	6	.200*	.931	6	.590

at3	20%	.269	6	.200*	.842	6	.134
	40%	.219	6	.200*	.959	6	.813
	60%	.165	6	.200*	.976	6	.932
bt3	20%	.187	6	.200*	.902	6	.386
	40%	.328	6	.042	.822	6	.092
	60%	.170	6	.200*	.944	6	.692
Lt4	20%	.267	6	.200*	.873	6	.239
	40%	.266	6	.200*	.826	6	.099
	60%	.243	6	.200*	.913	6	.459
at4	20%	.277	6	.165	.834	6	.116
	40%	.222	6	.200*	.906	6	.408
	60%	.235	6	.200*	.897	6	.356
bt4	20%	.148	6	.200*	.954	6	.769
	40%	.221	6	.200*	.950	6	.742
	60%	.242	6	.200*	.913	6	.458
Lt5	20%	.282	6	.148	.857	6	.180
	40%	.267	6	.200*	.840	6	.131
	60%	.181	6	.200*	.976	6	.931
at5	20%	.255	6	.200*	.885	6	.291
	40%	.275	6	.176	.860	6	.189
	60%	.255	6	.200*	.883	6	.284
bt5	20%	.207	6	.200*	.952	6	.760
	40%	.217	6	.200*	.953	6	.768
	60%	.270	6	.197	.860	6	.188
Lt6	20%	.271	6	.190	.865	6	.208
	40%	.220	6	.200*	.851	6	.160
	60%	.156	6	.200*	.977	6	.937
at6	20%	.272	6	.185	.830	6	.107
	40%	.139	6	.200*	.969	6	.884
	60%	.306	6	.082	.846	6	.145
bt6	20%	.257	6	.200*	.805	6	.066
	40%	.181	6	.200*	.975	6	.925
	60%	.231	6	.200*	.880	6	.267

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

## Lampiran 2. Uji One Way Anova (Duncan)

### One Way Anova Antioksidan Serbuk Daun Jati Muda

ANOVA

Antioks_serbuk					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	551.178	2	275.589	88.570	.000
Within Groups	46.673	15	3.112		
Total	597.851	17			

### One Way Anova Warna dan Bulk Density Serbuk Daun Jati Muda

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
L	Between Groups	350.135	2	175.067	46.143	.000
	Within Groups	56.911	15	3.794		
	Total	407.046	17			
a	Between Groups	32.580	2	16.290	21.650	.000
	Within Groups	11.286	15	.752		
	Total	43.866	17			
b	Between Groups	7.640	2	3.820	4.639	.027
	Within Groups	12.353	15	.824		
	Total	19.993	17			
Bulk_density	Between Groups	.007	2	.004	9.268	.002
	Within Groups	.006	15	.000		
	Total	.013	17			

*One Way Anova* Antosianin Serbuk Daun Jati Muda Saat Pelarutan dan Setelah Didiamkan 9 jam

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Anto_awal	Between Groups	.381	2	.190	1.414	.274
	Within Groups	2.021	15	.135		
	Total	2.402	17			
Anto_akhir	Between Groups	11.421	2	5.710	81.828	.000
	Within Groups	1.047	15	.070		
	Total	12.467	17			

*One Way Anova* Antioksidan Serbuk Daun Jati Muda Saat Pelarutan dan Setelah Didiamkan 9 jam

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Antioks_awal	Between Groups	78.754	2	39.377	105.518	.000
	Within Groups	5.598	15	.373		
	Total	84.352	17			
Antioks_akhir	Between Groups	8.807	2	4.403	41.831	.000
	Within Groups	1.579	15	.105		
	Total	10.386	17			

*One Way Anova* Kemampuan Pembasahan dan Kelarutan Serbuk Daun Jati Muda

**ANOVA**

Pembasahan					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7083.111	2	3541.556	20.211	.000
Within Groups	2628.500	15	175.233		
Total	9711.611	17			

**ANOVA**

Kelarutan					
	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.705	2	5.352	29.958	.000
Within Groups	2.680	15	.179		
Total	13.385	17			

*One Way Anova* Perubahan Warna Serbuk Daun Jati Muda Saat Pelarutan dan Setelah Didiamkan 9 jam

**ANOVA**

		Sum of Squares	df	Mean Square	F	Sig.
Lt0	Between Groups	9.257	2	4.629	43.504	.000
	Within Groups	1.596	15	.106		
	Total	10.853	17			
at0	Between Groups	1.394	2	.697	135.489	.000
	Within Groups	.077	15	.005		
	Total	1.471	17			
bt0	Between Groups	.307	2	.154	2.824	.091
	Within Groups	.816	15	.054		
	Total	1.123	17			
Lt1	Between Groups	9.530	2	4.765	26.383	.000
	Within Groups	2.709	15	.181		
	Total	12.240	17			



at1	Between Groups	1.167	2	.584	110.485	.000
	Within Groups	.079	15	.005		
	Total	1.246	17			
bt1	Between Groups	.075	2	.037	.784	.474
	Within Groups	.716	15	.048		
	Total	.791	17			
Lt2	Between Groups	10.688	2	5.344	21.179	.000
	Within Groups	3.785	15	.252		
	Total	14.473	17			
at2	Between Groups	1.135	2	.567	47.433	.000
	Within Groups	.179	15	.012		
	Total	1.314	17			
bt2	Between Groups	.245	2	.123	1.965	.175
	Within Groups	.937	15	.062		
	Total	1.182	17			
Lt3	Between Groups	8.741	2	4.370	11.657	.001
	Within Groups	5.623	15	.375		
	Total	14.364	17			
at3	Between Groups	1.224	2	.612	21.936	.000
	Within Groups	.419	15	.028		
	Total	1.643	17			
bt3	Between Groups	.415	2	.208	3.514	.056
	Within Groups	.887	15	.059		
	Total	1.302	17			
Lt4	Between Groups	9.480	2	4.740	6.012	.012
	Within Groups	11.827	15	.788		
	Total	21.307	17			
at4	Between Groups	.867	2	.433	14.199	.000
	Within Groups	.458	15	.031		
	Total	1.325	17			
bt4	Between Groups	.974	2	.487	7.112	.007
	Within Groups	1.028	15	.069		
	Total	2.002	17			

Lt5	Between Groups	7.503	2	3.751	4.085	.038
	Within Groups	13.776	15	.918		
	Total	21.279	17			
at5	Between Groups	.992	2	.496	12.925	.001
	Within Groups	.576	15	.038		
	Total	1.568	17			
bt5	Between Groups	1.489	2	.744	12.425	.001
	Within Groups	.899	15	.060		
	Total	2.388	17			
Lt6	Between Groups	9.071	2	4.535	6.657	.009
	Within Groups	10.219	15	.681		
	Total	19.289	17			
at6	Between Groups	.692	2	.346	8.910	.003
	Within Groups	.582	15	.039		
	Total	1.274	17			
bt6	Between Groups	1.547	2	.773	14.371	.000
	Within Groups	.807	15	.054		
	Total	2.354	17			