7. LAMPIRAN

Lampiran 1. Uji Normalitas Data (Shapiro-Wilk)

Normalitas Daya Larut Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
Kelarutan	Maltodekstrin 10%	.220	3	.	.986	3	.776
	Maltodekstrin 20%	.324	3	.	.876	3	.314

a. Lilliefors Significance Correction

Normalitas Warna L Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
Lightness	Maltodekstrin 10%	.319	3	.	.885	3	.339
	Maltodekstrin 20%	.274	3	.	.945	3	.546

a. Lilliefors Significance Correction

Normalitas Warna a* Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
a	Maltodekstrin 10%	.222	3	.	.985	3	.769
	Maltodekstrin 20%	.232	3	.	.980	3	.726

a. Lilliefors Significance Correction

Normalitas Warna b* Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
b	Maltodekstrin 10%	.306	3	.	.905	3	.401
	Maltodekstrin 20%	.249	3	.	.968	3	.654

a. Lilliefors Significance Correction

Normalitas Antosianin Larutan Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
Antosianin	Maltodekstrin 10%	.193	3	.	.997	3	.889
	Maltodekstrin 20%	.228	3	.	.982	3	.743

a. Lilliefors Significance Correction

Normalitas pH Kontrol Larutan Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
kontrol	Maltodekstrin 10%	.253	3	.	.964	3	.637
	Maltodekstrin 20%	.253	3	.	.964	3	.637

a. Lilliefors Significance Correction

Normalitas pH 3 Larutan Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
pH_3	Maltodekstrin 10%	.175	3	.	1.000	3	1.000
	Maltodekstrin 20%	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Normalitas pH 7 Larutan Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
pH_7	Maltodekstrin 10%	.292	3	.	.923	3	.463
	Maltodekstrin 20%	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Normalitas pH 8 Larutan Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Maltodekstrin	Statistic	df	Sig.	Statistic	df	Sig.
pH_8	Maltodekstrin 10%	.337	3	.	.855	3	.253
	Maltodekstrin 20%	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Normalitas Antar pH Larutan Pewarna Serbuk Daun Jati Muda

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	pH	Statistic	df	Sig.	Statistic	df	Sig.
Maltodekstrin_10	pH Kontrol	.253	3	.	.964	3	.637
	pH 3	.175	3	.	1.000	3	1.000
	pH 7	.292	3	.	.923	3	.463
	pH 8	.337	3	.	.855	3	.253
Maltodekstrin_20	pH Kontrol	.253	3	.	.964	3	.637
	pH 3	.175	3	.	1.000	3	1.000
	pH 7	.175	3	.	1.000	3	1.000
	pH 8	.175	3	.	1.000	3	1.000

a. Lilliefors Significance Correction

Normalitas Intensitas Cahaya Larutan Pewarna Serbuk Daun Jati Muda

Tests of Normality

	maltodekstrin	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
cahaya0	10%	.274	3	.	.945	3	.546
	20%	.178	3	.	.999	3	.957
cahaya500	10%	.359	3	.	.810	3	.139
	20%	.367	3	.	.793	3	.099
cahaya700	10%	.214	3	.	.989	3	.803
	20%	.219	3	.	.987	3	.780

a. Lilliefors Significance Correction

Lampiran 2. **Uji T (*Independent Sample* test)**

Independent Sample test Daya Larut Pewarna Serbuk Daun Jati Muda

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Kelarutan	Equal variances assumed	.052	.831	12.333	4	.000	.03280	.00266	.02542	.04019
	Equal variances not assumed			12.333	3.994	.000	.03280	.00266	.02541	.04019

Independent Sample test Warna Larutan Pewarna Serbuk Daun Jati Muda

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Lightness	Equal variances assumed	.043	.846	-49.745	4	.000	-6.69667	.13462	-7.07043	-6.32290
	Equal variances not assumed			-49.745	3.983	.000	-6.69667	.13462	-7.07104	-6.32229
a	Equal variances assumed	.480	.526	20.436	4	.000	4.03000	.19720	3.48248	4.57752
	Equal variances not assumed			20.436	3.514	.000	4.03000	.19720	3.45126	4.60874
b	Equal variances assumed	1.824	.248	3.755	4	.020	.94667	.25210	.24672	1.64661
	Equal variances not assumed			3.755	3.086	.031	.94667	.25210	.15680	1.73653

Independent Sample test Antosianin Larutan Pewarna Serbuk Daun Jati Muda

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Antosianin	Equal variances assumed	.952	.385	-2.235	4	.089	-3.51333	1.57180	-7.87734	.85067
	Equal variances not assumed			-2.235	3.155	.107	-3.51333	1.57180	-8.37912	1.35245

Independent Sample test pH Larutan Pewarna Serbuk Daun Jati Muda

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
kontrol	Equal variances assumed	.000	1.000	12.027	4	.000	.15000	.01247	.11537	.18463
	Equal variances not assumed			12.027	4.000	.000	.15000	.01247	.11537	.18463
pH_3	Equal variances assumed	.000	1.000	15.922	4	.000	.13000	.00816	.10733	.15267
	Equal variances not assumed			15.922	4.000	.000	.13000	.00816	.10733	.15267
pH_7	Equal variances assumed	2.286	.205	13.250	4	.000	.17667	.01333	.13965	.21369
	Equal variances not assumed			13.250	2.876	.001	.17667	.01333	.13318	.22015
pH_8	Equal variances assumed	6.897	.058	5.898	4	.004	.13333	.02261	.07056	.19610
	Equal variances not assumed			5.898	2.278	.020	.13333	.02261	.04659	.22008

Independent Sample test Intensitas Absorbansi Warna Larutan Pewarna Serbuk Daun Jati Muda

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
cahaya0	Equal variances assumed	20.799	.000	-.525	82	.601	-.02612	.04977	-.12514	.07289
	Equal variances not assumed			-.525	71.203	.601	-.02612	.04977	-.12536	.07312
cahaya500	Equal variances assumed	17.863	.000	-.737	82	.463	-.03581	.04856	-.13241	.06079
	Equal variances not assumed			-.737	70.973	.463	-.03581	.04856	-.13264	.06102
cahaya700	Equal variances assumed	2.488	.119	-3.243	82	.002	-.09401	.02899	-.15167	-.03634
	Equal variances not assumed			-3.243	74.410	.002	-.09401	.02899	-.15176	-.03625

Lampiran 3. Uji Duncan

Duncan Test Intensitas Warna terhadap Pengaruh pH

Maltodekstrin_10

Duncan

pH	N	Subset for alpha = 0.05	
		1	2
pH 8	3	.7633	
pH 7	3		.8967
pH 3	3		.9100
pH Kontrol	3		.9167
Sig.		1.000	.346

Means for groups in homogeneous subsets are displayed.

Maltodekstrin_20

Duncan

pH	N	Subset for alpha = 0.05		
		1	2	3
pH 8	3	.6300		
pH 7	3		.7200	
pH Kontrol	3			.7667
pH 3	3			.7800
Sig.		1.000	1.000	.195

Means for groups in homogeneous subsets are displayed.

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