

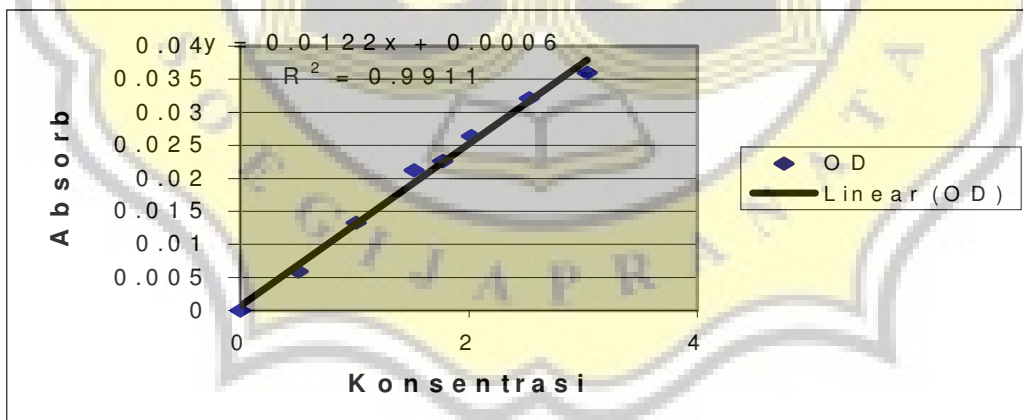
Lampiran 1. Gambar Wortel Mentah.yang Telah Diiris Dengan Alat Potong.

Lampiran 2. Gambar Wortel *Instant*.



Lampiran 3. Gambar Wortel *Instant* Setelah Dilakukan Rehidrasi.

Lampiran 4. Grafik Kurva Standar Beta-Karoten.



Lampiran 5. Hasil Analisa Statistik Vitamin A Pada *Drying Agent* Sodium Bisulfit.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
VITA	.196	16	.102	.875	16	.035

a. Lilliefors Significance Correction

Oneway

Descriptives

VITA

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
bisulfit 5000 ppm	4	1847.452	105.32913	52.66456	1679.85035	2015.05465	1728.680	1973.730
bisulfit 10000 ppr	4	2208.360	128.54522	64.27261	2003.81587	2412.90413	2097.090	2390.480
bisulfit 15000 ppr	4	1711.500	196.79491	98.39746	1398.35538	2024.64462	1468.870	1919.780
kontrol	4	73.72000	85.03613	42.51807	638.40854	909.03146	696.860	894.990
Total	16	1635.258	560.17047	40.04262	1336.76435	1933.75190	696.860	2390.480

ANOVA

VITA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4486132	3	1495377.302	81.295	.000
Within Groups	220732.4	12	18394.370		
Total	4706864	15			

Post Hoc Tests

Homogeneous Subsets

VITA

Duncan^a

AGENT	N	Subset for alpha = .05		
		1	2	3
kontrol	4	773.72000		
bisulfit 15000 ppm	4		1711.500	
bisulfit 5000 ppm	4		1847.452	
bisulfit 10000 ppm	4			2208.360
Sig.		1.000	.182	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 6. Hasil Analisa Statistik Vitamin A Pada *Drying Agent* Asam Askorbat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
VITTTT	.183	16	.159	.914	16	.170

a. Lilliefors Significance Correction

Oneway

Descriptives

VITA

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
askorbat 29000 pp	4	2017.1400	286.9102	143.4551	1560.6019	2473.6781	1605.51	2254.55
askorbat 34000 pp	4	2350.1975	242.0614	121.0307	1965.0238	2735.3712	2035.93	2623.48
askorbat 39000 pp	4	1936.8625	226.0097	113.0049	1577.2306	2296.4944	1612.34	2104.25
kontrol	4	773.7200	85.0361	42.5181	638.4085	909.0315	696.86	894.99
Total	16	769.4800	646.5375	161.6344	1424.9645	2113.9955	696.86	2623.48

ANOVA

VITA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5672493	3	1890830.892	37.964	.000
Within Groups	597668.0	12	49805.671		
Total	6270161	15			

Post Hoc Tests

Homogeneous Subsets

VITA

Duncan^a

AGENT	N	Subset for alpha = .05		
		1	2	3
kontrol	4	773.7200		
askorbat 39000 ppm	4		1936.8625	
askorbat 29000 ppm	4		2017.1400	2017.1400
askorbat 34000 ppm	4			2350.1975
Sig.		1.000	.620	.056

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 7. Hasil Analisa Statistik Vitamin A Pada *Drying Agent* Asam Sitrat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
VITTTT	.183	16	.159	.914	16	.170

a. Lilliefors Significance Correction

Oneway

Descriptives

VITA

	N	Mean	Std. Deviation	Std. Error	5% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
askorbat 29000 pp	4	17.1400	286.9102	143.4551	1560.6019	2473.6781	1605.51	2254.55
askorbat 34000 pp	4	350.1975	242.0614	121.0307	1965.0238	2735.3712	2035.93	2623.48
askorbat 39000 pp	4	336.8625	226.0097	113.0049	1577.2306	2296.4944	1612.34	2104.25
kontrol	4	773.7200	85.0361	42.5181	638.4085	909.0315	696.86	894.99
Total	16	769.4800	646.5375	161.6344	1424.9645	2113.9955	696.86	2623.48

ANOVA

VITA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5672493	3	1890830.892	37.964	.000
Within Groups	597668.0	12	49805.671		
Total	6270161	15			

Post Hoc Tests

Homogeneous Subsets

VITA

Duncan^a

AGENT	N	Subset for alpha = .05		
		1	2	3
kontrol	4	773.7200		
askorbat 39000 ppm	4		1936.8625	
askorbat 29000 ppm	4		2017.1400	2017.1400
askorbat 34000 ppm	4			2350.1975
Sig.		1.000	.620	.056

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 8. Hasil Analisa Statistik Vitamin A Pada *Drying Agent* Sodium Bisulfit, Asam Askorbat, dan Asam Sitrat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
VITA	.135	36	.093	.938	36	.063

a. Lilliefors Significance Correction

Univariate Analysis of Variance

Descriptive Statistics

Dependent Variable: VITA

AGENT	KONSENTRASI	Mean	Std. Deviation	N
sodium bisulfit	5000 ppm	1847.4525	105.3291	4
	10000 ppm	2208.3600	128.5452	4
	15000 ppm	1711.5000	196.7949	4
	Total	1922.4375	256.9958	12
asam askorbat	29000 ppm	2017.1400	286.9102	4
	34000 ppm	2350.1975	242.0614	4
	39000 ppm	1936.8625	226.0097	4
	Total	2101.4000	295.4603	12
asam sitrat	2500 ppm	997.4675	164.5345	4
	5000 ppm	1696.0350	187.8781	4
	7500 ppm	2013.7225	117.1943	4
	Total	1569.0750	466.1812	12
Total	5000 ppm	1847.4525	105.3291	4
	10000 ppm	2208.3600	128.5452	4
	15000 ppm	1711.5000	196.7949	4
	29000 ppm	2017.1400	286.9102	4
	34000 ppm	2350.1975	242.0614	4
	39000 ppm	1936.8625	226.0097	4
	2500 ppm	997.4675	164.5345	4
	5000 ppm	1696.0350	187.8781	4
	7500 ppm	2013.7225	117.1943	4
	Total	1864.3042	408.4257	36

Tests of Between-Subjects Effects

Dependent Variable: VITA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	4835078.004 ^a	8	604384.750	16.264	.000
Intercept	125122681	1	125122680.9	3367.112	.000
AGENT	.000	0	.	.	.
KONSENT	3074027.850	6	512337.975	13.787	.000
AGENT * KONSENT	.000	0	.	.	.
Error	1003326.543	27	37160.242		
Total	130961085	36			
Corrected Total	5838404.547	35			

a. R Squared = .828 (Adjusted R Squared = .777)

Post Hoc Tests

Homogeneous Subsets

VITA

Duncan^{a,b}

AGENT	N	Subset		
		1	2	3
asam sitrat	12	1569.0750		
sodium bisulfit	12		1922.4375	
asam askorbat	12			2101.4000
Sig.		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) = 37160.242.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

VITA

Duncan^{a,b}

KONSENT	N	Subset				
		1	2	3	4	5
2500 ppm	4	997.4675				
5000 ppm	4		1696.0350			
15000 ppm	4		1711.5000	1711.5000		
5000 ppm	4		1847.4525	1847.4525		
39000 ppm	4		1936.8625	1936.8625	1936.8625	
7500 ppm	4			2013.7225	2013.7225	
29000 ppm	4			2017.1400	2017.1400	
10000 ppm	4				2208.3600	2208.3600
34000 ppm	4					2350.1975
Sig.		1.000	.117	.053	.078	.307

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 37160.242.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

Lampiran 9. Hasil Analisa Statistik Kadar Air Pada *Drying Agent* Sodium Bisulfite.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KD	.140	16	.200*	.959	16	.619

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

a. Lilliefors Significance Correction

Oneway

Descriptives

KD

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
bisulfite 5000 ppm	4	8.070925	.23121823	.11560912	7.70300520	8.43884480	7.806170	8.358160
bisulfite 10000 ppm	4	7.298695	.55100826	.27550413	6.42191790	8.17547210	6.502160	7.748850
bisulfite 15000 ppm	4	7.579015	.48564179	.24282090	6.80625054	8.35177946	7.168830	8.279710
kontrol	4	8.473625	.22226626	.11113313	8.11994979	8.82730021	8.287180	8.792990
Total	16	7.855565	.58803715	.14700929	7.54222212	8.16890788	6.502160	8.792990

ANOVA

KD

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.260	3	1.087	6.767	.006
Within Groups	1.927	12	.161		
Total	5.187	15			

Post Hoc Tests
Homogeneous Subsets

KD

Duncan^a

AGENT	N	Subset for alpha = .05		
		1	2	3
bisulfit 10000 ppm	4	7.298695		
bisulfit 15000 ppm	4	7.579015	7.579015	
bisulfit 5000 ppm	4		8.070925	8.070925
kontrol	4			8.473625
Sig.		.342	.108	.181

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 10. Hasil Analisa Statistik Kadar Air Pada *Drying Agent* Asam Askorbat.

Explore

Tests of Normality

KD	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KD	.178	16	.187	.935	16	.348

a. Lilliefors Significance Correction

Oneway

Descriptives

KD	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
askorbat 29000 pp	4	8.878724	.37469752	8734876	8.28249688	9.47495162	8.339000	9.149047
askorbat 34000 pp	4	8.147160	.79644421	9822211	6.87983953	9.41448047	7.242340	9.063330
askorbat 39000 pp	4	7.231603	.52785805	6392903	6.39166255	8.07154245	6.488920	7.726940
kontrol	4	8.473625	.22226626	1113313	8.11994979	8.82730021	8.287180	8.792990
Total	16	8.182778	.78349731	9587433	7.76528169	8.60027419	6.488920	9.149047

ANOVA

KD	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5.900	3	1.967	7.133	.005
Within Groups	3.308	12	.276		
Total	9.208	15			

**Post Hoc Tests
Homogeneous Subsets**

KD

Duncan^a

AGENT	N	Subset for alpha = .05	
		1	2
askorbat 39000 ppm	4	7.231603	
askorbat 34000 ppm	4		8.147160
kontrol	4		8.473625
askorbat 29000 ppm	4		8.878724
Sig.		1.000	.085

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 11. Hasil Analisa Statistik Kadar Air Pada *Drying Agent* Asam Sitrat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KD	.162	16	.200*	.930	16	.308

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

a. Lilliefors Significance Correction

Oneway

Descriptives

KD

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
asam sitrat 2500 ppm	4	6.625013	7.0112E-02	3.51E-02	6.51344855	6.73657645	6.519910	6.663250
asam sitrat 5000 ppm	4	6.521100	.54154002	27077001	5.65938899	7.38281101	5.973880	7.123820
asam sitrat 7500 ppm	4	7.783780	.44702988	22351494	7.07245570	8.49510430	7.382790	8.378240
kontrol	4	8.473625	.22226626	11113313	8.11994979	8.82730021	8.287180	8.792990
Total	16	7.350879	.90538267	22634567	6.86843500	7.83332375	5.973880	8.792990

ANOVA

KD

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10.654	3	3.551	25.948	.000
Within Groups	1.642	12	.137		
Total	12.296	15			

Post Hoc Tests

Homogeneous Subsets

KD

Duncan ^a

AGENT	N	Subset for alpha = .05		
		1	2	3
asam sitrat 5000 ppm	4	6.521100		
asam sitrat 2500 ppm	4	6.625013		
asam sitrat 7500 ppm	4		7.783780	
kontrol	4			8.473625
Sig.		.698	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 12. Hasil Analisa Statistik Kadar air Pada *Drying Agent* Sodium Bisulfit, Asam Askorbat, dan Asam Sitrat.

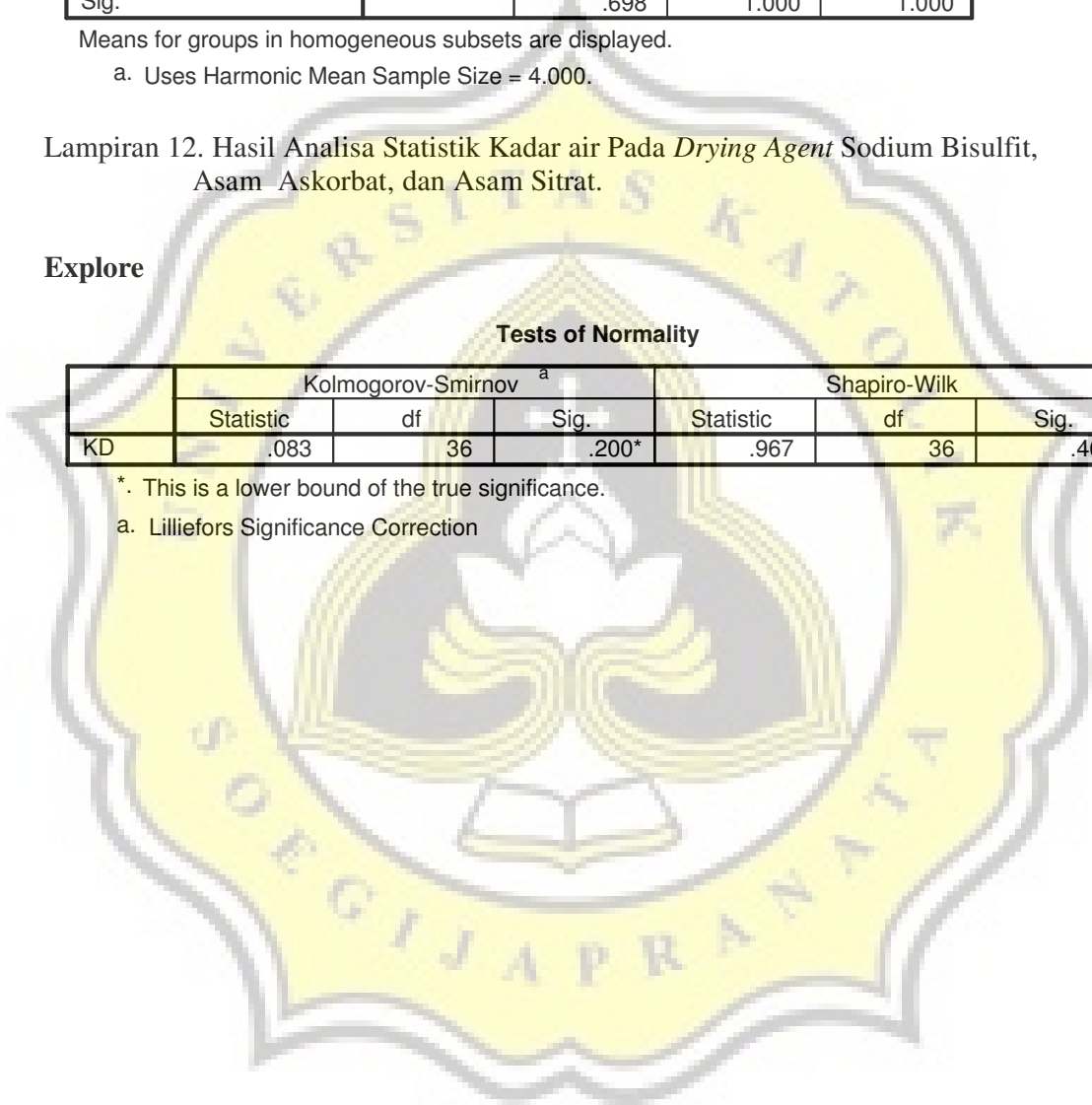
Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KD	.083	36	.200*	.967	36	.460

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

a. Lilliefors Significance Correction



Univariate Analysis of Variance

Descriptive Statistics

Dependent Variable: KD

AGENT	KONSENT	Mean	Std. Deviation	N
sodium bisulfit	5000 ppm	8.070925	.23121823	4
	10000 ppm	7.298695	.55100826	4
	15000 ppm	7.579015	.48564179	4
	Total	7.649545	.52234480	12
asam askorbat	29000 ppm	8.878724	.37469752	4
	34000 ppm	8.147160	.79644421	4
	39000 ppm	7.231603	.52785805	4
	Total	8.085829	.88464972	12
asam sitrat	2500 ppm	6.625013	7.0112E-02	4
	5000 ppm	6.521100	.54154002	4
	7500 ppm	7.783780	.44702988	4
	Total	6.976631	.70224221	12
Total	5000 ppm	8.070925	.23121823	4
	10000 ppm	7.298695	.55100826	4
	15000 ppm	7.579015	.48564179	4
	29000 ppm	8.878724	.37469752	4
	34000 ppm	8.147160	.79644421	4
	39000 ppm	7.231603	.52785805	4
	2500 ppm	6.625013	7.0112E-02	4
	5000 ppm	6.521100	.54154002	4
	7500 ppm	7.783780	.44702988	4
	Total	7.570668	.83714543	36

Tests of Between-Subjects Effects

Dependent Variable: KD

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	18.096 ^a	8	2.262	9.494	.000
Intercept	2063.341	1	2063.341	8660.229	.000
AGENT	.000	0	.	.	.
KONSENT	10.602	6	1.767	7.416	.000
AGENT * KONSENT	.000	0	.	.	.
Error	6.433	27	.238		
Total	2087.869	36			
Corrected Total	24.528	35			

a. R Squared = .738 (Adjusted R Squared = .660)

Post Hoc Tests

Homogeneous Subsets

KD

Duncan^{a,b}

AGENT	N	Subset		
		1	2	3
asam sitrat	12	6.976631		
sodium bisulfit	12		7.649545	
asam askorbat	12			8.085829
Sig.		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) = .238.

- a. Uses Harmonic Mean Sample Size = 12.000.
- b. Alpha = .05.

KD

Duncan^{a,b}

KONSENTRASI	N	Subset				
		1	2	3	4	5
5000 ppm	4	6.521100				
2500 ppm	4	6.625013	6.625013			
39000 ppm	4	7.231603	7.231603	7.231603		
10000 ppm	4		7.298695	7.298695		
15000 ppm	4			7.579015	7.579015	
7500 ppm	4			7.783780	7.783780	
5000 ppm	4				8.070925	
34000 ppm	4				8.147160	
29000 ppm	4					8.878724
Sig.		.061	.075	.155	.143	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .238.

- a. Uses Harmonic Mean Sample Size = 4.000.
- b. Alpha = .05.

Lampiran 13. Hasil Analisa Statistik Tingkat Kekerasan Pada *Drying Agent* Sodium Bisulfit.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
HARDNESS	.183	16	.159	.948	16	.464

a. Lilliefors Significance Correction

Oneway

Descriptives

HARDNESS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
bisulfit 5000 ppm	4	3.35E-02	1.91485E-03	9.57E-04	3.04530E-02	3.65470E-02	.0320	.0360
bisulfit 10000 ppm	4	3.65E-02	3.41565E-03	1.71E-03	3.10649E-02	4.19351E-02	.0320	.0400
bisulfit 15000 ppm	4	3.40E-02	2.82843E-03	1.41E-03	2.94993E-02	3.85007E-02	.0300	.0360
kontrol	4	3.45E-02	3.41565E-03	1.71E-03	2.90649E-02	3.99351E-02	.0300	.0380
Total	16	3.46E-02	2.89540E-03	7.24E-04	3.30822E-02	3.61678E-02	.0300	.0400

ANOVA

HARDNESS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.075E-05	3	6.917E-06	.790	.522
Within Groups	1.050E-04	12	8.750E-06		
Total	1.258E-04	15			

Post Hoc Tests

Homogeneous Subsets

HARDNESS

Duncan ^a

AGENT	N	Subset for alpha = .05
bisulfit 5000 ppm	4	3.35E-02
bisulfit 15000 ppm	4	3.40E-02
kontrol	4	3.45E-02
bisulfit 10000 ppm	4	3.65E-02
Sig.		.208

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 14. Hasil Analisa Statistik Tingkat Kekerasan Pada *Drying Agent* Asam Askorbat..

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
HARDNESS	.190	16	.127	.956	16	.559

a. Lilliefors Significance Correction

Oneway

Descriptives

HARDNESS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
askorbat 29000 ppr	4	3.85E-02	3.41565E-03	1.71E-03	3.30649E-02	4.39351E-02	.0340	.0420
askorbat 34000 ppr	4	3.70E-02	3.46410E-03	1.73E-03	3.14878E-02	4.25122E-02	.0320	.0400
askorbat 39000 ppr	4	3.55E-02	2.51661E-03	1.26E-03	3.14955E-02	3.95045E-02	.0320	.0380
kontrol	4	3.45E-02	3.41565E-03	1.71E-03	2.90649E-02	3.99351E-02	.0300	.0380
Total	16	3.64E-02	3.28380E-03	8.21E-04	3.46252E-02	3.81248E-02	.0300	.0420

ANOVA

HARDNESS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.675E-05	3	1.225E-05	1.176	.360
Within Groups	1.250E-04	12	1.042E-05		
Total	1.617E-04	15			

Post Hoc Tests

Homogeneous Subsets

HARDNESS

Duncan^a

AGENT	N	Subset for alpha = .05
		1
kontrol	4	3.45E-02
askorbat 39000 ppm	4	3.55E-02
askorbat 34000 ppm	4	3.70E-02
askorbat 29000 ppm	4	3.85E-02
Sig.		.130

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 15. Hasil Analisa Statistik Tingkat Kekerasan Pada *Drying Agent* Asam Sitrat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
HARDNESS	.195	16	.104	.904	16	.095

a. Lilliefors Significance Correction

Oneway

Descriptives

HARDNESS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
asam sitrat 2500 pp	4	3.40E-02	3.65148E-03	1.83E-03	.81897E-02	.98103E-02	.0300	.0380
asam sitrat 5000 pp	4	3.45E-02	.91485E-03	9.57E-04	.14530E-02	.75470E-02	.0320	.0360
asam sitrat 7500 pp	4	3.35E-02	2.51661E-03	1.26E-03	.94955E-02	.75045E-02	.0300	.0360
kontrol	4	3.45E-02	3.41565E-03	1.71E-03	.90649E-02	.99351E-02	.0300	.0380
Total	16	3.41E-02	2.68017E-03	6.70E-04	.26968E-02	.55532E-02	.0300	.0380

ANOVA

HARDNESS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2.750E-06	3	9.167E-07	.105	.956
Within Groups	1.050E-04	12	8.750E-06		
Total	1.077E-04	15			

Post Hoc Tests

Homogeneous Subsets

HARDNESS

Duncan^a

AGENT	N	Subset for alpha = .05
		1
asam sitrat 7500 ppm	4	3.35E-02
asam sitrat 2500 ppm	4	3.40E-02
asam sitrat 5000 ppm	4	3.45E-02
kontrol	4	3.45E-02
Sig.		.665

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 16. Hasil Analisa Statistik Tingkat Kekerasan Pada *Drying Agent* Sodium Bisulfit, Asam Askorbat, dan Asam Sitrat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
HARDNES1	.140	36	.073	.944	36	.094

a. Lilliefors Significance Correction

Univariate Analysis of Variance

Descriptive Statistics

Dependent Variable: HARDNESS

AGENT	KONSENT	Mean	Std. Deviation	N
sodium bisulfit	5000 ppm	3.35E-02	1.91485E-03	4
	10000 ppm	3.65E-02	3.41565E-03	4
	15000 ppm	3.40E-02	2.82843E-03	4
	Total	3.47E-02	2.87096E-03	12
asam askorbat	29000 ppm	3.85E-02	3.41565E-03	4
	34000 ppm	3.70E-02	3.46410E-03	4
	39000 ppm	3.55E-02	2.51661E-03	4
	Total	3.70E-02	3.13340E-03	12
asam sitrat	2500 ppm	3.40E-02	3.65148E-03	4
	5000 ppm	3.45E-02	1.91485E-03	4
	7500 ppm	3.35E-02	2.51661E-03	4
	Total	3.40E-02	2.55841E-03	12
Total	5000 ppm	3.35E-02	1.91485E-03	4
	10000 ppm	3.65E-02	3.41565E-03	4
	15000 ppm	3.40E-02	2.82843E-03	4
	29000 ppm	3.85E-02	3.41565E-03	4
	34000 ppm	3.70E-02	3.46410E-03	4
	39000 ppm	3.55E-02	2.51661E-03	4
	2500 ppm	3.40E-02	3.65148E-03	4
	5000 ppm	3.45E-02	1.91485E-03	4
	7500 ppm	3.35E-02	2.51661E-03	4
	Total	3.52E-02	3.07163E-03	36

Tests of Between-Subjects Effects

Dependent Variable: HARDNESS

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.002E-04 ^a	8	1.253E-05	1.471	.214
Intercept	4.466E-02	1	4.466E-02	5242.904	.000
AGENT	.000	0	.	.	.
KONSENT	4.067E-05	6	6.778E-06	.796	.582
AGENT * KONSENT	.000	0	.	.	.
Error	2.300E-04	27	8.519E-06		
Total	4.499E-02	36			
Corrected Total	3.302E-04	35			

a. R Squared = .303 (Adjusted R Squared = .097)

Post Hoc Tests

Homogeneous Subsets

HARDNESS

Duncan ^{a,b}

AGENT	N	Subset	
		1	2
asam sitrat	12	3.40E-02	
sodium bisulfit	12	3.47E-02	3.47E-02
asam askorbat	12		3.70E-02
Sig.		.580	.061

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 8.519E-06.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = .05.

HARDNESS

Duncan ^{a,b}

KONSENTRASI	N	Subset	
		1	2
5000 ppm	4	3.35E-02	
7500 ppm	4	3.35E-02	
15000 ppm	4	3.40E-02	3.40E-02
2500 ppm	4	3.40E-02	3.40E-02
5000 ppm	4	3.45E-02	3.45E-02
39000 ppm	4	3.55E-02	3.55E-02
10000 ppm	4	3.65E-02	3.65E-02
34000 ppm	4	3.70E-02	3.70E-02
29000 ppm	4		3.85E-02
Sig.		.154	.066

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 8.519E-06.

a. Uses Harmonic Mean Sample Size = 4.000.

b. Alpha = .05.

Lampiran 17. Hasil Analisa Statistik Kapasitas Rehidrasi Pada *Drying Agent* Sodium Bisulfit.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
REHIDRAS	.177	16	.191	.958	16	.602

a. Lilliefors Significance Correction

Oneway

Descriptives

REHIDRAS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
bisulfit 5000 ppm	4	1.8175	.1190	.949E-02	1.6282	2.0068	1.70	1.92
bisulfit 10000 ppm	4	1.8350	.1806	.032E-02	1.5476	2.1224	1.72	2.10
bisulfit 15000 ppm	4	1.9025	.1466	.330E-02	1.6692	2.1358	1.70	2.05
kontrol	4	1.6675	.1650	.250E-02	1.4049	1.9301	1.46	1.85
Total	16	1.8056	.1642	.105E-02	1.7181	1.8931	1.46	2.10

ANOVA

REHIDRAS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.118	3	3.929E-02	1.645	.231
Within Groups	.287	12	2.388E-02		
Total	.404	15			

Post Hoc Tests

Homogeneous Subsets

REHIDRAS

Duncan^a

AGENT	N	Subset for alpha = .05
		1
kontrol	4	1.6675
bisulfit 5000 ppm	4	1.8175
bisulfit 10000 ppm	4	1.8350
bisulfit 15000 ppm	4	1.9025
Sig.		.069

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 18. Hasil Analisa Statistik Kapasitas Rehidrasi Pada *Drying Agent* Asam Askorbat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
REHIDRAS	.155	16	.200*	.928	16	.296

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

a. Lilliefors Significance Correction

Oneway

Descriptives

REHIDRAS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
askorbat 29000 pp	4	1.9875	8.500E-02	.250E-02	1.8522	2.1228	1.90	2.07
askorbat 34000 pp	4	1.5875	9.069E-02	.535E-02	1.4432	1.7318	1.48	1.70
askorbat 39000 pp	4	1.6150	8.226E-02	.113E-02	1.4841	1.7459	1.54	1.72
kontrol	4	1.6675	.1650	.250E-02	1.4049	1.9301	1.46	1.85
Total	16	1.7144	.1931	.828E-02	1.6115	1.8173	1.46	2.07

ANOVA

REHIDRAS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.411	3	.137	11.086	.001
Within Groups	.148	12	1.236E-02		
Total	.559	15			

Post Hoc Tests

Homogeneous Subsets

REHIDRAS

Duncan ^a

AGENT	N	Subset for alpha = .05	
		1	2
askorbat 34000 ppm	4	1.5875	
askorbat 39000 ppm	4	1.6150	
kontrol	4	1.6675	
askorbat 29000 ppm	4		1.9875
Sig.		.352	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 19. Hasil Analisa Statistik Kapasitas Rehidrasi Pada *Drying Agent* Asam Sitrat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
REHIDRAS	.097	16	.200*	.985	16	.981

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

a. Lilliefors Significance Correction

Oneway

Descriptives

REHIDRAS

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					asam sitrat 2500 pp	4		
asam sitrat 5000 pp	4	2.2450	.2037	.1019	1.9208	2.5692	1.98	2.41
asam sitrat 7500 pp	4	2.2125	.2181	.1090	1.8655	2.5595	2.06	2.53
kontrol	4	1.6675	.1650	.250E-02	1.4049	1.9301	1.46	1.85
Total	16	2.1100	.3299	.247E-02	1.9342	2.2858	1.46	2.67

ANOVA

REHIDRAS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.066	3	.355	7.533	.004
Within Groups	.566	12	4.718E-02		
Total	1.632	15			

Post Hoc Tests

Homogeneous Subsets

REHIDRAS

Duncan^a

AGENT	N	Subset for alpha = .05	
		1	2
kontrol	4	1.6675	
asam sitrat 7500 ppm	4		2.2125
asam sitrat 5000 ppm	4		2.2450
asam sitrat 2500 ppm	4		2.3150
Sig.		1.000	.538

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 20. Hasil Analisa Statistik Kapasitas Rehidrasi Pada *Drying Agent* Sodium Bisulfite, Asam Askorbat, dan Asam Sitrat.

Explore

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
REHIDRAS	.130	36	.128	.958	36	.303

a. Lilliefors Significance Correction

Univariate Analysis of Variance

Descriptive Statistics

Dependent Variable: REHIDRAS

AGENT	KONSENTRASI	Mean	Std. Deviation	N
sodium bisulfit	5000 ppm	1.8175	.1190	4
	10000 ppm	1.8350	.1806	4
	15000 ppm	1.9025	.1466	4
	Total	1.8517	.1417	12
asam askorbat	29000 ppm	1.9875	8.500E-02	4
	34000 ppm	1.5875	9.069E-02	4
	39000 ppm	1.6150	8.226E-02	4
	Total	1.7300	.2058	12
asam sitrat	2500 ppm	2.3150	.2691	4
	5000 ppm	2.2450	.2037	4
	7500 ppm	2.2125	.2181	4
	Total	2.2575	.2146	12
Total	5000 ppm	1.8175	.1190	4
	10000 ppm	1.8350	.1806	4
	15000 ppm	1.9025	.1466	4
	29000 ppm	1.9875	8.500E-02	4
	34000 ppm	1.5875	9.069E-02	4
	39000 ppm	1.6150	8.226E-02	4
	2500 ppm	2.3150	.2691	4
	5000 ppm	2.2450	.2037	4
	7500 ppm	2.2125	.2181	4
	Total	1.9464	.2940	36

Tests of Between-Subjects Effects

Dependent Variable: REHIDRAS

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2.268 ^a	8	.284	10.127	.000
Intercept	136.383	1	136.383	4870.999	.000
AGENT	.000	0	.	.	.
KONSENT	.437	6	7.290E-02	2.604	.040
AGENT * KONSENT	.000	0	.	.	.
Error	.756	27	2.800E-02		
Total	139.408	36			
Corrected Total	3.024	35			

a. R Squared = .750 (Adjusted R Squared = .676)

Post Hoc Tests

Homogeneous Subsets

REHIDRAS

Duncan^{a,b}

AGENT	N	Subset	
		1	2
asam askorbat	12	1.7300	
sodium bisulfit	12	1.8517	
asam sitrat	12		2.2575
Sig.		.086	1.000

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 2.800E-02.

- a. Uses Harmonic Mean Sample Size = 12.000.
- b. Alpha = .05.

REHIDRAS

Duncan^{a,b}

KONSENT	N	Subset			
		1	2	3	4
34000 ppm	4	1.5875			
39000 ppm	4	1.6150			
5000 ppm	4	1.8175	1.8175		
10000 ppm	4	1.8350	1.8350		
15000 ppm	4		1.9025		
29000 ppm	4		1.9875	1.9875	
7500 ppm	4			2.2125	2.2125
5000 ppm	4				2.2450
2500 ppm	4				2.3150
Sig.		.065	.200	.068	.422

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 2.800E-02.

- a. Uses Harmonic Mean Sample Size = 4.000.
- b. Alpha = .05.