

LAMPIRAN

Lampiran 1. COA Gliserin

PT Ecogreen Oleochemicals



Date : 21.10.2021

CERTIFICATE OF ANALYSIS

Page 2 Of 2

SHIPMENT/LOT NO. : 2-2049-21

DESCRIPTION : ECOCEROL (REFINED GLYCERIN)

MANUFACTURER : PT ECOGREEN OLEOCHEMICALS

SPEC. NO. : 2997-03

REFERENCE : 1010202056 / 10

CUST. PO NO. : LJO2109253

CONTAINER NO.	BATCH NO.	PACKAGING	MANUFACTURING DATE
SPNU 2922567	32-327-T	80 DR	07.10.2021
SPNU 2918633	32-327-T	80 DR	07.10.2021
SPNU 2939554	32-327-T	80 DR	07.10.2021
SPNU 2901986	32-327-T	79 DR	07.10.2021
SPNU 2929561	32-327-T	80 DR	07.10.2021

EXPIRY DATE
07.10.2023
07.10.2023
07.10.2023
07.10.2023
07.10.2023

Analysis	Test Method	Specification		32-327-T
		Min	Max	
Assay (wt%)	USP 42	99.7		99.9
Identification A (Infra Red Absorption)*	USP 42	Pass		Pass
Identification B (Limit of DEG and EG):	USP 42			
Diethylene Glycol (wt%) *	USP 42		0.025	<0.025
Ethylene Glycol (wt%) *	USP 42		0.025	<0.025
Identification C (Chromatography) *	USP 42	Pass		Pass
Inorganic Impurities:	USP 42			
Chloride (ppm)	USP 42		10	<10
Sulfate (ppm) *	USP 42		20	<20
Heavy Metals, as Pb (ppm) *	USP 42		5	<5
Residue on Ignition (wt%) *	USP 42		0.01	<0.01
Organic Impurities:	USP 42			
Related Compounds	USP 42			
Individual Impurities (wt%) *	USP 42		0.1	<0.1
Total Impurities (wt%) *	USP 42		1.0	<1.0
Limit of Chlorinated Comp. as Cl (ppm)*	USP 42		30	<30
Fatty Acids and Esters (mL NaOH 0.5N)	USP 42		1.00	0.13
Color (APHA)	AOCS Ea 9 - 65, ASTM D1209		10	3
Specific Gravity at 25/25 °C	APAG-GL-008	1.2612		1.2618
Water (wt%)	USP 42		0.30	0.05
Readily Carbonizable Substances *	USP 22 (271)	Pass		Pass

Certified Correct :

PT Ecogreen Oleochemicals

Adrian

QA Superintendent

CONTROLLED SYSTEM PRINTOUT - VALID WITHOUT SIGNATURE

BATAM PLANT

Jl. Pelabuhan Kav. 1 Kabil, Batam Island 29467, Indonesia.

Mailing Address : PO. Box. 1010 Nagoya Plaza, Batam Island 29432, Indonesia.

Telephone : (62-778) 711002 (H) Facsimile : (62-778) 711007

E-mail : info.batam@ecogreenoleo.com

ISO 9001, ISO 14001, ISO 22000

Lampiran 2. COA DMDM Hydantoin



昆山市双友日用化工有限公司

KunShan City Shuangyou DailyChemical Co., LTD

质量检验报告单

CERTIFICATE OF QUALITY ANALYSIS

Trade Name/商品名称: K2000 Preservative K2000 防腐剂
INCI 名: DMDM HYDANTOIN/DMDM 乙内酰脲
Batch NO/产品批号: 20210107 Quantity/产品数量: 5000kg
Issued Date/检验日期: 2021/1/7 Standard/检验依据: SY/WI-824-02-(06)
Manufacturing Date/生产日期: 2021/1/6 Package/包装形式: 20kg/桶
Effective Date/有效期至: 2022/1/5

Item 检测项目	Specification 规格	Result 检测结果	Analytical Method 分析方法
Appearance 外观	Colorless to pale yellow liquid 无色至浅黄色液体	Colorless to pale yellow liquid 无色至浅黄色液体	SY/WI-824-02-(06)
Acidity(pH) 酸度	5.0-7.0	5.89	GB/T 9724-2007
DMDMH(%) DMDMH 含量	54-56	55.50	SY/WI-824-02-(06)
Specific Gravity 比重	1.14-1.18	1.165	GB/T 611-88
Free Formaldehyde(%) 游离甲醛	≤0.9	0.43	SY/WI-824-02-(06)
Total Formaldehyde(%) 总甲醛含量	17.0-18.0	17.69	SY/WI-824-02-(06)

Conclusion 结论: Pass 合格

Analyzed by 检验: 肖冬梅

Check by 复核: 赵雪芳



地址: 江苏省昆山市千灯镇聚贤路615号

Address: QianJeng Town, Kunshan City, Jiangsu Province, China

Postcode: 215300

TEL: 0512-57786356

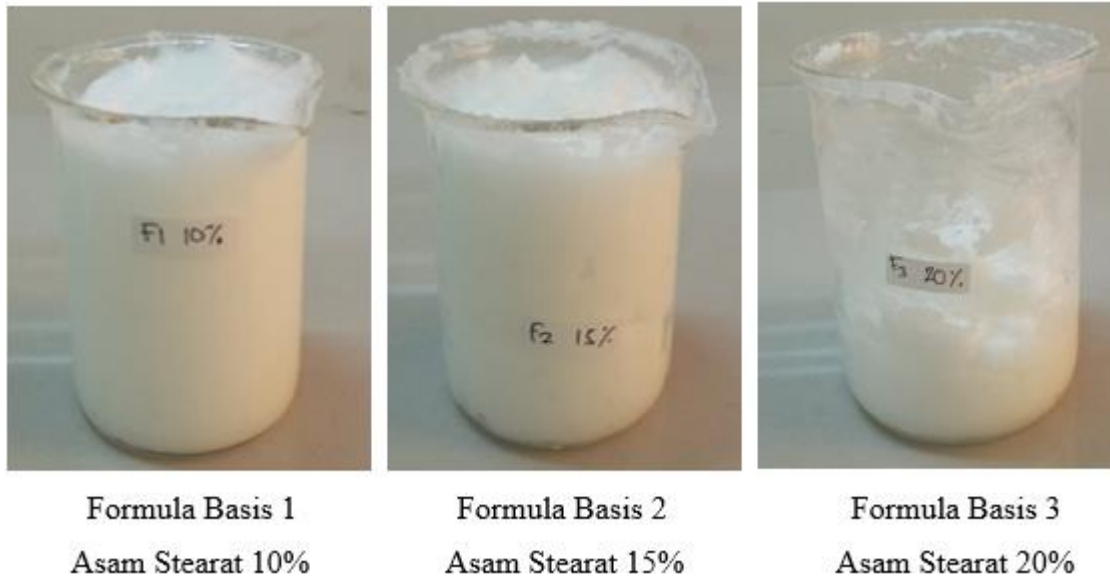
FAX: 0512-57476182

Lampiran 3. COA Aquadest**CERTIFICATE OF ANALYSIS**

Product Name	: AQUADEST	Molecular Weight	: 18.02 g/mol
Catalog No.	: A.1078	Batch No.	: 1088914
Grade	: Laboratory Reagent	Manufacturing Date	: Oct 06, 2021
Formula	: H ₂ O	Expire Date	: Oct, 2023
Cas No.	: 7732-18-5		

No.	ITEM TEST	UNITS	SPECIFICATION	RESULTS
1.	Appearance	-	Clear and free of visible particulate	Passes test
2.	Conductivity at 25 °C	uS/cm	≤ 1.0	0.16
3.	pH at 25 °C	-	5.5 - 8.0	7.8
4.	Total Dissolve Solid (TDS)	ppm	≤0.5	0.08
5.	Residu on evaporation	ppm	≤ 1.0	NIL
6.	Total Organic Carbon (TOC)	ppm	≤50	<50
7.	Total Hardness	ppm	≤ 0.1	NIL
8.	Chloride (Cl)	ppm	≤0.5	0.3
9.	Silica	ppm	≤0.5	0.0188
10.	Iron (Fe)	ppm	≤ 0.1	0.0379
11.	Aromatic Hydrocarbon	ppm	Free of Hydrocarbon	NIL

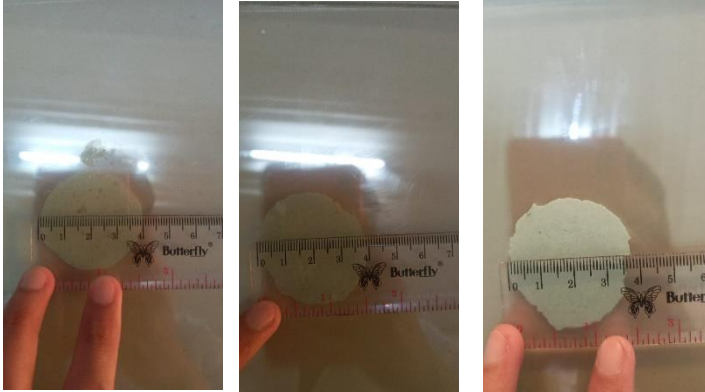
Lampiran 4. Hasil Optimasi Basis



Lampiran 5 Dokumentasi Hasil Uji Evaluasi Optimasi Formulasi Basis

Uji Evaluasi Optimasi Basis	Gambar		
Uji organoleptik			
	F1	F2	F3
			
	Pembanding		
Uji Homogenitas			
	F1	F2	F3

	 Pembanding
Uji pH	 F1  F2  F3  Pembanding
Uji Viskositas	 F1  F2  F3 

	Pembanding
Uji Daya Sebar	 F1 F2 F3  Pembanding

Keterangan:

F1 = Basis sediaan formula 1 (konsentrasi asam stearat 10%)

F2 = Basis sediaan formula 2 (konsentrasi asam stearat 15%)

F3 = Basis sediaan formula 3 (konsentrasi asam stearat 20%)

Pembanding = Formula *body scrub* yang ada di pasaran

Lampiran 6. Tabel Hasil Uji Homogenitas Formulasi Basis

No	Replikasi	Hasil Uji Homogenitas			
		F1	F2	F3	Pembanding
1	1	Homogen	Homogen	Homogen	Homogen
2	2	Homogen	Homogen	Homogen	Homogen
3	3	Homogen	Homogen	Homogen	Homogen

Keterangan:

F1 = Basis sediaan formula 1 (konsentrasi asam stearat 10%)

F2 = Basis sediaan formula 2 (konsentrasi asam stearat 15%)

F3 = Basis sediaan formula 3 (konsentrasi asam stearat 20%)

Pembanding = Formula *body scrub* yang ada di pasaran

Lampiran 7. Tabel Hasil Uji pH Formulasi Basis

No	Replikasi	Hasil Uji pH			
		F1	F2	F3	Pembanding
1	1	7.40	7.11	6.24	6.41
2	2	7.45	7.01	6.28	6.42
3	3	7.43	7.05	6.18	6.43
Rata Rata		7.43	7.06	6.23	6.42

Keterangan:

F1 = Basis sediaan formula 1 (konsentrasi asam stearat 10%)

F2 = Basis sediaan formula 2 (konsentrasi asam stearat 15%)

F3 = Basis sediaan formula 3 (konsentrasi asam stearat 20%)

Pembanding = Formula *body scrub* yang ada di pasaran

Lampiran 8. Tabel Hasil Uji Viskositas Formulasi Basis

No	Replikasi	Hasil Uji Viskositas (Cp)			
		F1	F2	F3	Pembanding
1	1	18000	33880	39400	16400
2	2	16720	33360	39280	15520
3	3	17280	32440	38400	16360
Rata Rata		17333.33	33226.67	39026.67	16093.33

Keterangan:

F1 = Basis sediaan formula 1 (konsentrasi asam stearat 10%)

F2 = Basis sediaan formula 2 (konsentrasi asam stearat 15%)

F3 = Basis sediaan formula 3 (konsentrasi asam stearat 20%)

Pembanding = Formula *body scrub* yang ada di pasaran

Lampiran 9. Tabel Hasil Uji Daya Sebar Formulasi Basis

No	Replikasi	Hasil Uji Daya Sebar (cm)			
		F1	F2	F3	Pembanding
1	1	3.9	3.6	3.3	3.5
2	2	3.9	3.6	3.2	4
3	3	3.8	3.5	3.2	3.5
Rata Rata		3.87	3.57	3.23	3.67

Keterangan:

F1 = Basis sediaan formula 1 (konsentrasi asam stearat 10%)

F2 = Basis sediaan formula 2 (konsentrasi asam stearat 15%)

F3 = Basis sediaan formula 3 (konsentrasi asam stearat 20%)

Pembanding = Formula *body scrub* yang ada di pasaran

Lampiran 10. Starter Biji Kefir



Lampiran 11. Hasil Fermentasi Susu Sapi



Fermentasi dengan
starter biji kefir 2%



Fermentasi dengan
starter biji kefir 5%



Fermentasi dengan
starter biji kefir 7%

Lampiran 12. Tabel Hasil Uji pH Fermentasi Susu Sapi

No	Replikasi	pH Sebelum Fermentasi	pH Setelah Fermentasi		
			Kefir 2%	Kefir 5%	Kefir 7%
1	1	7.01	5.21	4.25	4.01
2	2	6.95	5.19	4.16	4.01
3	3	6.97	5.2	4.26	4.04
Rata Rata		6.97	5.20	4.22	4.02

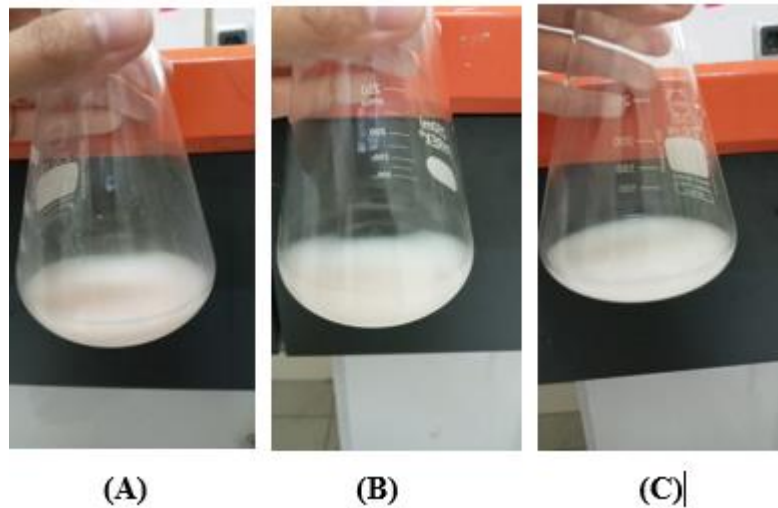
Keterangan:

Kefir 2% = Susu sapi dengan penambahan starter biji kefir sebesar 2%

Kefir 5% = Susu sapi dengan penambahan starter biji kefir sebesar 5%

Kefir 7% = Susu sapi dengan penambahan starter biji kefir sebesar 7%

Lampiran 13. Dokumentasi Titration Asam Basa Hasil Fermentasi Susu Sapi



Keterangan:

A = Susu sapi dengan penambahan starter biji kefir sebesar 2%

B = Susu sapi dengan penambahan starter biji kefir sebesar 5%

C = Susu sapi dengan penambahan starter biji kefir sebesar 7%

Lampiran 14. Tabel Hasil Uji %Kadar Asam Laktat Fermentasi Susu Sapi

No	Replikasi	Uji %Kadar Asam Laktat		
		Kefir 2%	Kefir 5%	Kefir 7%
1	1	0.485	0.515	0.65
2	2	0.5	0.535	0.66
3	3	0.5	0.525	0.665
Rata Rata		0.495	0.525	0.658

Keterangan:

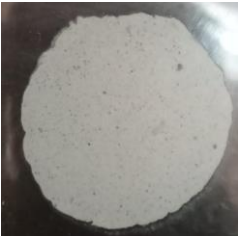
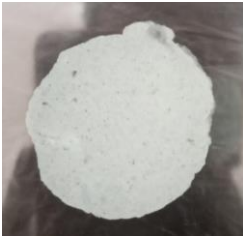
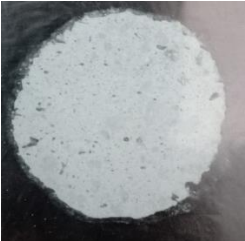
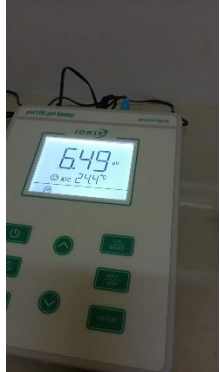
Kefir 2% = Susu sapi dengan penambahan starter biji kefir sebesar 2%

Kefir 5% = Susu sapi dengan penambahan starter biji kefir sebesar 5%

Kefir 7% = Susu sapi dengan penambahan starter biji kefir sebesar 7%

Lampiran 15. Dokumentasi Uji Evaluasi Formulasi Sediaan Body Scrub

Uji Evaluasi Formulasi Sediaan <i>Body Scrub</i>	Gambar
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Uji Homogenitas	 F0F1F2  F3Pembanding
Uji pH	 F0F1F2  F3Pembanding

Uji Viskositas



F0



F1



F2



F3

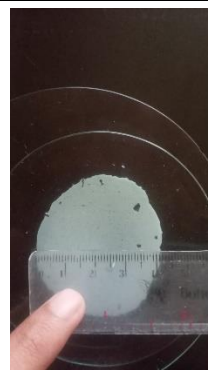


Pembanding

Uji Daya Sebar



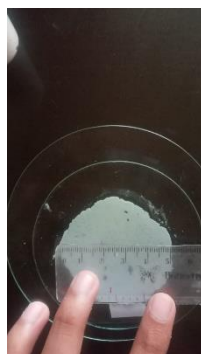
F0



F1



F2



F3



Pembanding

Lampiran 16. Tabel Uji Homogenitas Formulasi Sediaan Body Scrub

No	Replikasi	Hasil Uji Homogenitas				
		F0	F1	F2	F3	Pembanding
1	1	Homogen	Homogen	Homogen	Homogen	Homogen
2	2	Homogen	Homogen	Homogen	Homogen	Homogen
3	3	Homogen	Homogen	Homogen	Homogen	Homogen

Keterangan:

F0 = *Body scrub* formula blanko (konsentrasi *whey kefir* 0%)

F1 = *Body scrub* formula 1 (konsentrasi *whey kefir* 2%)

F2 = *Body scrub* formula 2 (konsentrasi *whey kefir* 5%)

F3 = *Body scrub* formula 3 (konsentrasi *whey kefir* 10%)

Pembanding = *Body scrub* yang ada di pasaran

Lampiran 17. Tabel Uji pH Formulasi Sediaan Body Scrub

No	Replikasi	Hasil Uji pH				
		F0	F1	F2	F3	Pembanding
1	1	6.96	6.89	6.56	6.38	6.41
2	2	7.01	6.89	6.49	6.33	6.42
3	3	7.04	6.88	6.53	6.37	6.43
Rata Rata		7.00	6.89	6.53	6.36	6.42

Keterangan:

F0 = *Body scrub* formula blanko (konsentrasi *whey kefir* 0%)

F1 = *Body scrub* formula 1 (konsentrasi *whey kefir* 2%)

F2 = *Body scrub* formula 2 (konsentrasi *whey kefir* 5%)

F3 = *Body scrub* formula 3 (konsentrasi *whey kefir* 10%)

Pembanding = *Body scrub* yang ada di pasaran

Lampiran 15 Tabel Uji Viskositas Formulasi Sediaan Body Scrub

No	Replikasi	Hasil Uji Viskositas (Cp)				
		F0	F1	F2	F3	Pembanding
1	1	18000	16600	12600	10840	16400
2	2	16720	16440	12760	10720	15520
3	3	17280	16160	12800	10400	16360
Rata Rata		17333.33	16400.00	12720.00	10653.33	16093.33

Keterangan:

F0 = *Body scrub* formula blanko (konsentrasi *whey kefir* 0%)

F1 = *Body scrub* formula 1 (konsentrasi *whey kefir* 2%)

F2 = *Body scrub* formula 2 (konsentrasi *whey kefir* 5%)

F3 = *Body scrub* formula 3 (konsentrasi *whey kefir* 10%)

Pembanding = *Body scrub* yang ada di pasaran

Lampiran 18. Tabel Uji Daya Sebar Formulasi Sediaan *Body Scrub*

No	Replikasi	Hasil Uji Daya Sebar (cm)				
		F0	F1	F2	F3	Pembanding
1	1	4	4.2	4.6	4.9	3.5
2	2	4.1	4.3	4.5	5	4
3	3	4	4.3	4.5	4.9	3.5
Rata Rata		4.03	4.27	4.53	4.93	3.67

Keterangan:

F0 = *Body scrub* formula blanko (konsentrasi *whey kefir* 0%)

F1 = *Body scrub* formula 1 (konsentrasi *whey kefir* 2%)

F2 = *Body scrub* formula 2 (konsentrasi *whey kefir* 5%)

F3 = *Body scrub* formula 3 (konsentrasi *whey kefir* 10%)

Pembanding = *Body scrub* yang ada di pasaran

Lampiran 19. Hasil Rata-Rata dari Responden Uji Hedonik

Formula	Warna	Aroma	Sensasi Di Kulit	Rata-Rata
F0	5.8	5	5.55	5.45
F1	5.8	5	5.7	5.5
F2	5.8	5.4	5.7	5.63
F3	5.27	5.25	5.7	5.40
Pembanding	6.15	6.35	6.2	6.23

Lampiran 20. Hasil Rata-Rata dari Responden Uji Iritasi

Formula	Kemerahan	Gatal	Bengkak	Rata-Rata
F0	3.9	4	4	3.96
F1	3.95	3.95	4	3.96
F2	3.95	3.95	4	3.96
F3	3.9	3.95	4	3.96

Lampiran 21. Dokumentasi Uji Iritasi kepada Responden

Saat Pemakaian <i>Body Scrub</i>	Setelah Pemakaian <i>Body Scrub</i>
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Lampiran 22. Dokumentasi Hasil *Cycling Test* sediaan *Body Scrub*



(A)

(B)

(C)

(D)

Keterangan:

A = *Body scrub* formula blanko (konsentrasi *whey kefir* 0%)

B = *Body scrub* formula 1 (konsentrasi *whey kefir* 2%)

C = *Body scrub* formula 2 (konsentrasi *whey kefir* 5%)

D = *Body scrub* formula 3 (konsentrasi *whey kefir* 10%)

Lampiran 23. Hasil Rata-Rata Uji Stabilitas (*Cycling Test*) pH *Body Scrub*

Siklus	Uji pH F0	Uji pH F1	Uji pH F2	Uji pH F3
Siklus 1	7.36	7.1	6.97	6.67
Siklus 2	7.43	7.15	7.13	6.73
Siklus 3	7.56	7.18	7.16	6.8
Siklus 4	7.57	7.21	7.2	6.88
Siklus 5	7.59	7.31	7.25	6.92
Siklus 6	7.67	7.58	7.37	7.19

Keterangan:

F0 = *Body scrub* formula blanko (konsentrasi *whey kefir* 0%)

F1 = *Body scrub* formula 1 (konsentrasi *whey kefir* 2%)

F2 = *Body scrub* formula 2 (konsentrasi *whey kefir* 5%)

F3 = *Body scrub* formula 3 (konsentrasi *whey kefir* 10%)

Lampiran 24. Hasil Rata-Rata Uji Stabilitas (Cycling Test) Viskositas Body Scrub

Siklus	Uji Viskositas F0	Uji Viskositas F1	Uji Viskositas F2	Uji Viskositas F3
1	20240.00	17453.33	10306.67	10293.33
2	21186.67	17480.00	11680.00	11173.33
3	21853.33	17933.33	12306.67	12280.00
4	21880.00	18480.00	13236.67	12586.67
5	22733.00	19133.33	13853.33	13346.67
6	23333.33	19560.00	14533.33	13693.33

Keterangan:

F0 = *Body scrub* formula blanko (konsentrasi *whey kefir* 0%)

F1 = *Body scrub* formula 1 (konsentrasi *whey kefir* 2%)

F2 = *Body scrub* formula 2 (konsentrasi *whey kefir* 5%)

F3 = *Body scrub* formula 3 (konsentrasi *whey kefir* 10%)

Lampiran 25. Hasil Uji Statistik menggunakan aplikasi JASP

A. Optimasi Basis

1. Uji pH

ANOVA - UJI PH

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	2.239	2	1.119	589.164	< .001
Residuals	0.011	6	0.002		

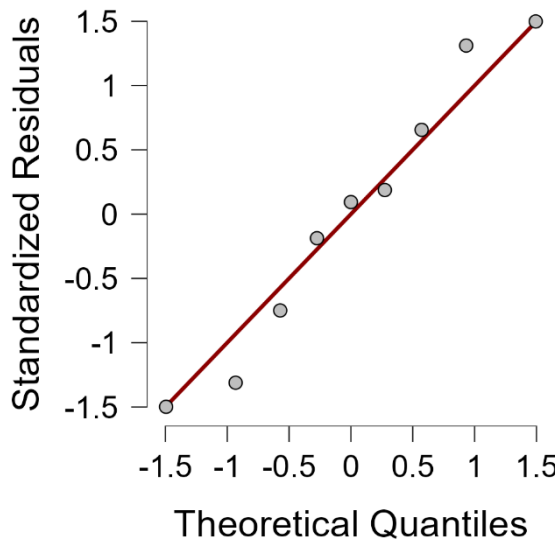
Note. Type III Sum of Squares

Descriptives - UJI PH

FORMULA	Mean	SD	N
F1 (ASAM STEARAT 10%)	7.427	0.025	3
F2 (ASAM STEARAT 15%)	7.057	0.050	3
F3 (ASAM STEARAT 20%)	6.233	0.050	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.661	2.000	6.000	0.550

Q-Q Plot**Post Hoc Comparisons - FORMULA**

		Mean Difference	95% CI for Mean Difference		SE	t	p _{tukey}	p _{bonf}
			Lower	Upper				
F1 (ASAM STEARAT 10%)	F2 (ASAM STEARAT 15%)	0.370	0.261	0.479	0.036	10.396	< .001	< .001
	F3 (ASAM STEARAT 20%)	1.193	1.084	1.303	0.036	33.530	< .001	< .001
F2 (ASAM STEARAT 15%)	F3 (ASAM STEARAT 20%)	0.823	0.714	0.933	0.036	23.134	< .001	< .001

Note. P-value and confidence intervals adjusted for comparing a family of 3 estimates (confidence intervals corrected using the tukey method).

2. Uji Viskositas**ANOVA - UJI VISKOSITAS**

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	7.568e+8	2	3.784e+8	914.351	< .001
Residuals	2.483e+6	6	413866.667		

Note. Type III Sum of Squares

Descriptives - UJI VISKOSITAS

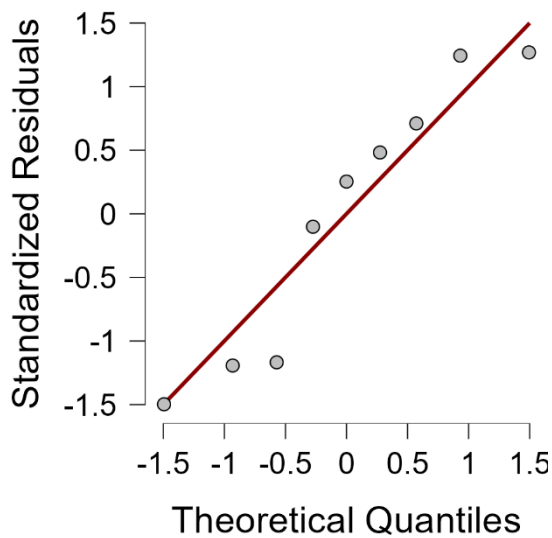
FORMULA	Mean	SD	N
F1 (ASAM STEARAT 10%)	17333.333	641.665	3

Descriptives - Uji VISKOSITAS

FORMULA	Mean	SD	N
F2 (ASAM STEARAT 15%)	33226.667	729.200	3
F3 (ASAM STEARAT 20%)	39026.667	546.016	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.102	2.000	6.000	0.904

Q-Q Plot**Post Hoc Comparisons - FORMULA**

		Mean Difference	95% CI for Mean Difference		SE	t	ptukey	pbonf
			Lower	Upper				
F1 (ASAM STEARAT 10%)	F2 (ASAM STEARAT 15%)	-15893.333	17505.013	14281.653	525.272	30.257	< .001	< .001
	F3 (ASAM STEARAT 20%)	-21693.333	23305.013	20081.653	525.272	41.299	< .001	< .001
F2 (ASAM STEARAT 15%)	F3 (ASAM STEARAT 20%)	-5800.000	-7411.680	-4188.320	525.272	11.042	< .001	< .001

Note. P-value and confidence intervals adjusted for comparing a family of 3 estimates (confidence intervals corrected using the tukey method).

3. Uji Daya Sebar

ANOVA - UJI DAYA SEBAR

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	0.602	2	0.301	90.333	< .001
Residuals	0.020	6	0.003		

Note. Type III Sum of Squares

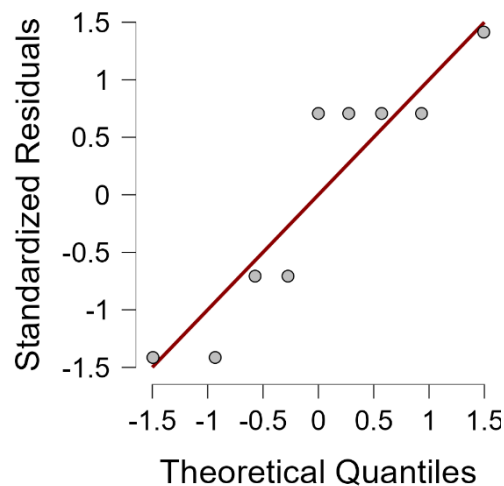
Descriptives - UJI DAYA SEBAR

FORMULA	Mean	SD	N
F1 (ASAM STEARAT 10%)	3.867	0.058	3
F2 (ASAM STEARAT 15%)	3.567	0.058	3
F3 (ASAM STEARAT 20%)	3.233	0.058	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
7.781e-28	2.000	6.000	1.000

Q-Q Plot



Post Hoc Comparisons - FORMULA

		Mean Difference	95% CI for Mean Difference		SE	t	p _{tukey}	p _{bonf}
			Lower	Upper				
F1 (ASAM STEARAT 10%)	F2 (ASAM STEARAT 15%)	0.300	0.155	0.445	0.047	6.364	0.002	0.002
	F3 (ASAM STEARAT 20%)	0.633	0.489	0.778	0.047	13.435	< .001	< .001

Post Hoc Comparisons - FORMULA

		Mean Difference	95% CI for Mean Difference		SE	t	p _{tukey}	p _{bonf}
			Lower	Upper				
F2 (ASAM STEARAT 15%)	F3 (ASAM STEARAT 20%)	0.333	0.189	0.478	0.047	7.071	< .001	0.001

Note. P-value and confidence intervals adjusted for comparing a family of 3 estimates (confidence intervals corrected using the tukey method).

B. Fermentasi**1. Uji pH****ANOVA - UJI PH**

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	16.400	3	5.467	5007.684	< .001
Residuals	0.009	8	0.001		

Note. Type III Sum of Squares

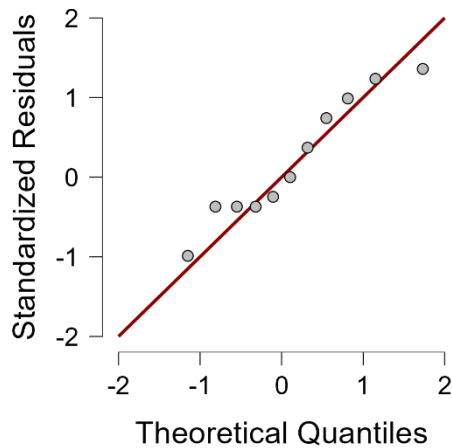
Descriptives - UJI PH

FORMULA	Mean	SD	N
FERMENTASI KEFIR 2%	5.200	0.010	3
FERMENTASI KEFIR 5%	4.223	0.055	3
FERMENTASI KEFIR 7%	4.020	0.017	3
PH SEBELUM FERMENTASI	6.977	0.031	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
4.631	3.000	8.000	0.037

Q-Q Plot



Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	Ptukey	Pbonf
FERMENTASI KEFIR 2%	FERMENTASI KEFIR 5%	0.977	0.027	36.203	< .001	< .001
	FERMENTASI KEFIR 7%	1.180	0.027	43.740	< .001	< .001
	PH SEBELUM FERMENTASI	-1.777	0.027	-65.858	< .001	< .001
FERMENTASI KEFIR 5%	FERMENTASI KEFIR 7%	0.203	0.027	7.537	< .001	< .001
	PH SEBELUM FERMENTASI	-2.753	0.027	102.061	< .001	< .001
FERMENTASI KEFIR 7%	PH SEBELUM FERMENTASI	-2.957	0.027	109.598	< .001	< .001

Note. P-value adjusted for comparing a family of 4
Kruskal-Wallis Test

Kruskal-Wallis Test

Factor	Statistic	df	p
FORMULA	10.421	3	0.015

2. Uji Persen Kadar Asam Laktat

ANOVA - UJI %KADAR ASAM LAKTAT

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	0.045	2	0.023	291.571	< .001
Residuals	4.667e-4	6	7.778e-5		

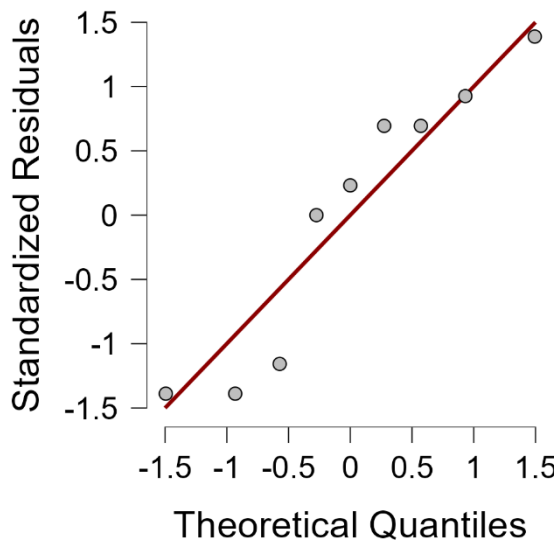
Note. Type III Sum of Squares

Descriptives - UJI %KADAR ASAM LAKTAT

FORMULA	Mean	SD	N
FERMENTASI KEFIR 2%	0.495	0.009	3
FERMENTASI KEFIR 5%	0.525	0.010	3
FERMENTASI KEFIR 7%	0.658	0.008	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.069	2.000	6.000	0.934

Q-Q Plot**Post Hoc Comparisons - FORMULA**

		Mean Difference	95% CI for Mean Difference			t	p _{tukey}	p _{bonf}
			Lower	Upper	SE			
FERMENTASI KEFIR 2%	FERMENTASI KEFIR 5%	-0.030	-0.052	-0.008	0.007	-4.166	0.014	0.018
	FERMENTASI KEFIR 7%	-0.163	-0.185	-0.141	0.007	22.683	< .001	< .001
FERMENTASI KEFIR 5%	FERMENTASI KEFIR 7%	-0.133	-0.155	-0.111	0.007	18.516	< .001	< .001

Note. P-value and confidence intervals adjusted for comparing a family of 3 estimates (confidence intervals corrected using the tukey method).

C. Formulasi

1. Uji pH

ANOVA - UJI PH

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	0.997	4	0.249	336.991	< .001
Residuals	0.007	10	7.400e-4		

Note. Type III Sum of Squares

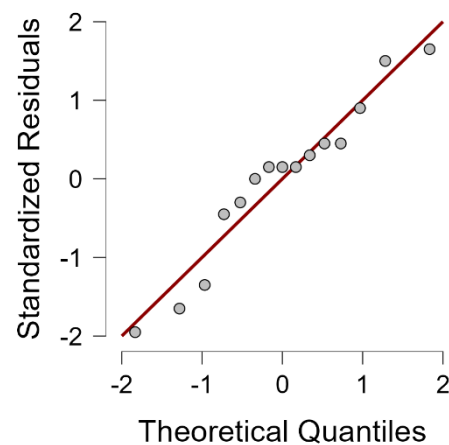
Descriptives - UJI PH

FORMULA	Mean	SD	N
F0 (WHEY KEFIR 0%)	7.003	0.040	3
F1 (WHEY KEFIR 2%)	6.887	0.006	3
F2 (WHEY KEFIR 5%)	6.527	0.035	3
F3 (WHEY KEFIR 7%)	6.360	0.026	3
PEMBANDING (BODY SCRUB SHINZUI)	6.420	0.010	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.061	4.000	10.000	0.161

Q-Q Plot



Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	p _{tukey}	p _{bonf}
F0 (WHEY KEFIR 0%)	F1 (WHEY KEFIR 2%)	0.117	0.022	5.253	0.003	0.004
	F2 (WHEY KEFIR 5%)	0.477	0.022	21.461	< .001	< .001
	F3 (WHEY KEFIR 7%)	0.643	0.022	28.964	< .001	< .001

Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	Ptukey	Pbonf
F1 (WHEY KEFIR 2%)	PEMBANDING (BODY SCRUB SHINZUI)	0.583	0.022	26.263	< .001	< .001
	F2 (WHEY KEFIR 5%)	0.360	0.022	16.208	< .001	< .001
	F3 (WHEY KEFIR 7%)	0.527	0.022	23.712	< .001	< .001
F2 (WHEY KEFIR 5%)	PEMBANDING (BODY SCRUB SHINZUI)	0.467	0.022	21.011	< .001	< .001
	F3 (WHEY KEFIR 7%)	0.167	0.022	7.504	< .001	< .001
	PEMBANDING (BODY SCRUB SHINZUI)	0.107	0.022	4.802	0.005	0.007
F3 (WHEY KEFIR 7%)	PEMBANDING (BODY SCRUB SHINZUI)	-0.060	0.022	-2.701	0.124	0.223

Note. P-value adjusted for comparing a family of 5

2. Uji Viskositas**ANOVA - UJI VISKOSITAS**

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	9.613e+7	4	2.403e+7	155.814	< .001
Residuals	1.542e+6	10	154240.000		

Note. Type III Sum of Squares

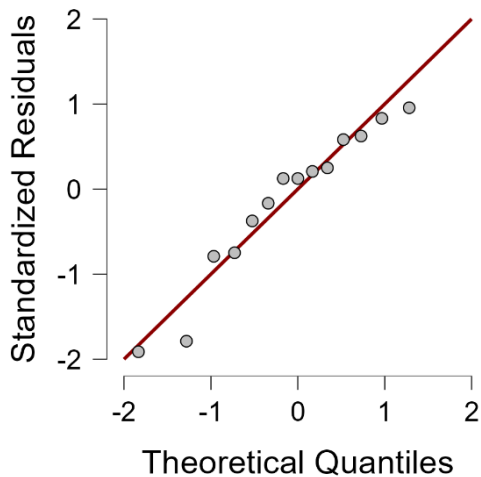
Descriptives - UJI VISKOSITAS

FORMULA	Mean	SD	N
F0 (WHEY KEFIR 0%)	17333.333	641.665	3
F1 (WHEY KEFIR 2%)	16400.000	222.711	3
F2 (WHEY KEFIR 5%)	12720.000	105.830	3
F3 (WHEY KEFIR 7%)	10653.333	227.450	3
PEMBANDING (BODY SCRUB SHINZUI)	16093.333	496.924	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.246	4.000	10.000	0.136

Q-Q Plot



Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	p _{Tukey}	p _{bonf}
F0 (WHEY KEFIR 0%)	F1 (WHEY KEFIR 2%)	933.333	320.666	2.911	0.090	0.155
	F2 (WHEY KEFIR 5%)	4613.333	320.666	14.387	< .001	< .001
	F3 (WHEY KEFIR 7%)	6680.000	320.666	20.832	< .001	< .001
	PEMBANDING (BODY SCRUB SHINZUI)	1240.000	320.666	3.867	0.020	0.031
F1 (WHEY KEFIR 2%)	F2 (WHEY KEFIR 5%)	3680.000	320.666	11.476	< .001	< .001
	F3 (WHEY KEFIR 7%)	5746.667	320.666	17.921	< .001	< .001
	PEMBANDING (BODY SCRUB SHINZUI)	306.667	320.666	0.956	0.868	1.000
F2 (WHEY KEFIR 5%)	F3 (WHEY KEFIR 7%)	2066.667	320.666	6.445	< .001	< .001
	PEMBANDING (BODY SCRUB SHINZUI)	-3373.333	320.666	10.520	< .001	< .001
F3 (WHEY KEFIR 7%)	PEMBANDING (BODY SCRUB SHINZUI)	-5440.000	320.666	16.965	< .001	< .001

Note. P-value adjusted for comparing a family of 5

3. Uji Daya Sebar

ANOVA - UJI DAYA SEBAR

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	2.784	4	0.696	36.000	< .001
Residuals	0.193	10	0.019		

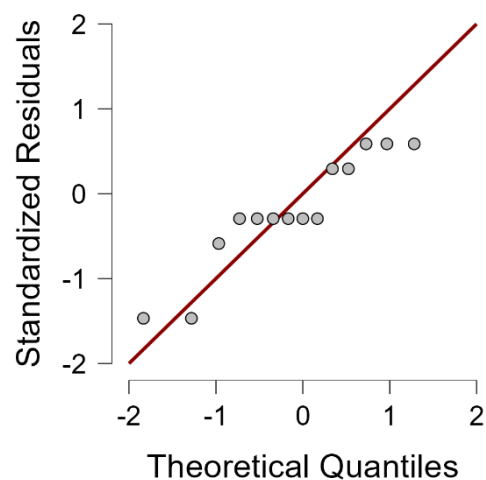
Note. Type III Sum of Squares

Descriptives - UJI DAYA SEBAR

FORMULA	Mean	SD	N
F0 (WHEY KEFIR 0%)	4.033	0.058	3
F1 (WHEY KEFIR 2%)	4.267	0.058	3
F2 (WHEY KEFIR 5%)	4.533	0.058	3
F3 (WHEY KEFIR 7%)	4.933	0.058	3
PEMBANDING (BODY SCRUB SHINZUI)	3.667	0.289	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
8.828	4.000	10.000	0.003

Q-Q Plot**Post Hoc Comparisons - FORMULA**

		Mean Difference	SE	t	p _{tukey}	p _{bonf}
F0 (WHEY KEFIR 0%)	F1 (WHEY KEFIR 2%)	-0.233	0.114	-2.055	0.309	0.669
	F2 (WHEY KEFIR 5%)	-0.500	0.114	-4.404	0.009	0.013
	F3 (WHEY KEFIR 7%)	-0.900	0.114	-7.927	< .001	< .001
	PEMBANDING (BODY SCRUB SHINZUI)	0.367	0.114	3.230	0.055	0.090
F1 (WHEY KEFIR 2%)	F2 (WHEY KEFIR 5%)	-0.267	0.114	-2.349	0.207	0.407
	F3 (WHEY KEFIR 7%)	-0.667	0.114	-5.872	0.001	0.002
	PEMBANDING (BODY SCRUB SHINZUI)	0.600	0.114	5.285	0.003	0.004
F2 (WHEY KEFIR 5%)	F3 (WHEY KEFIR 7%)	-0.400	0.114	-3.523	0.035	0.055

Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	Ptukey	Pbonf
F3 (WHEY KEFIR 7%)	PEMBANDING (BODY SCRUB SHINZUI)	0.867	0.114	7.634	< .001	< .001
	PEMBANDING (BODY SCRUB SHINZUI)	1.267	0.114	11.157	< .001	< .001

Note. P-value adjusted for comparing a family of 5

Kruskal-Wallis Test

Factor	Statistic	df	p
FORMULA	13.425	4	0.009

4. Uji Iritasi**A. Kemerahan****ANOVA - KEMERAHAN**

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	0.050	3	0.017	0.230	0.875
Residuals	5.500	76	0.072		

Note. Type III Sum of Squares

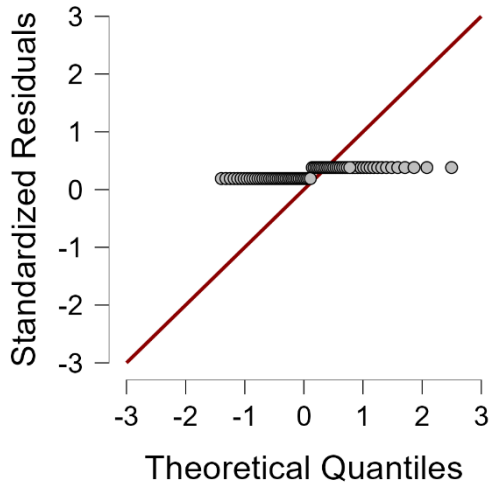
Descriptives - KEMERAHAN

FORMULA	Mean	SD	N
F0 (WHEY KEFIR 0%)	3.900	0.308	20
F1 (WHEY KEFIR 2%)	3.950	0.224	20
F2 (WHEY KEFIR 5%)	3.950	0.224	20
F3 (WHEY KEFIR 7%)	3.900	0.308	20

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.953	3.000	76.000	0.420

Q-Q Plot

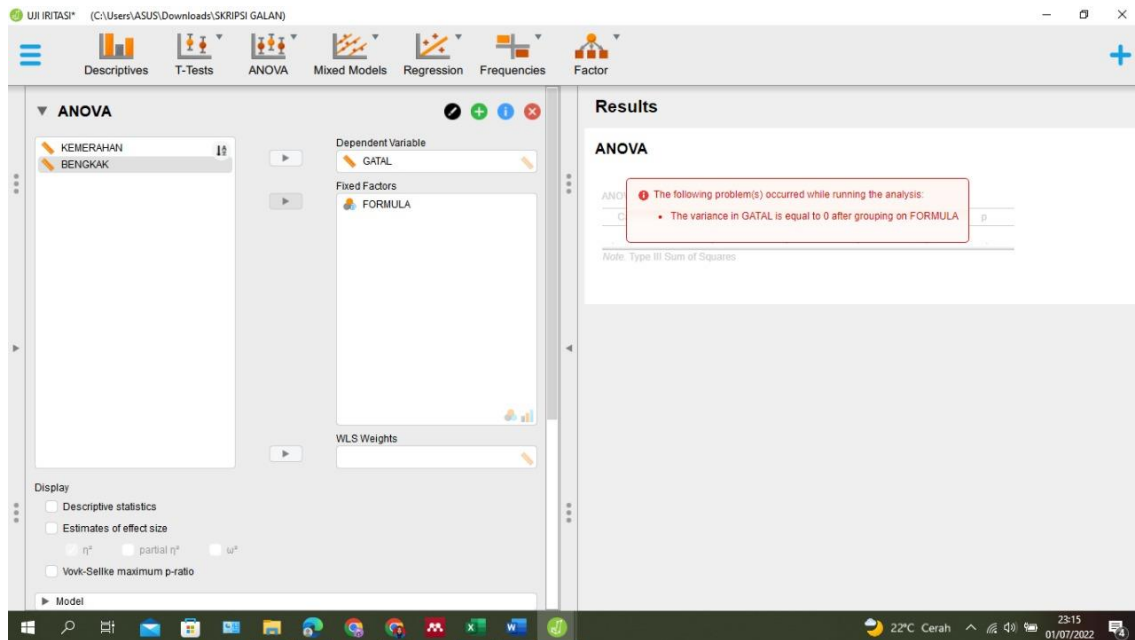


Post Hoc Comparisons - FORMULA

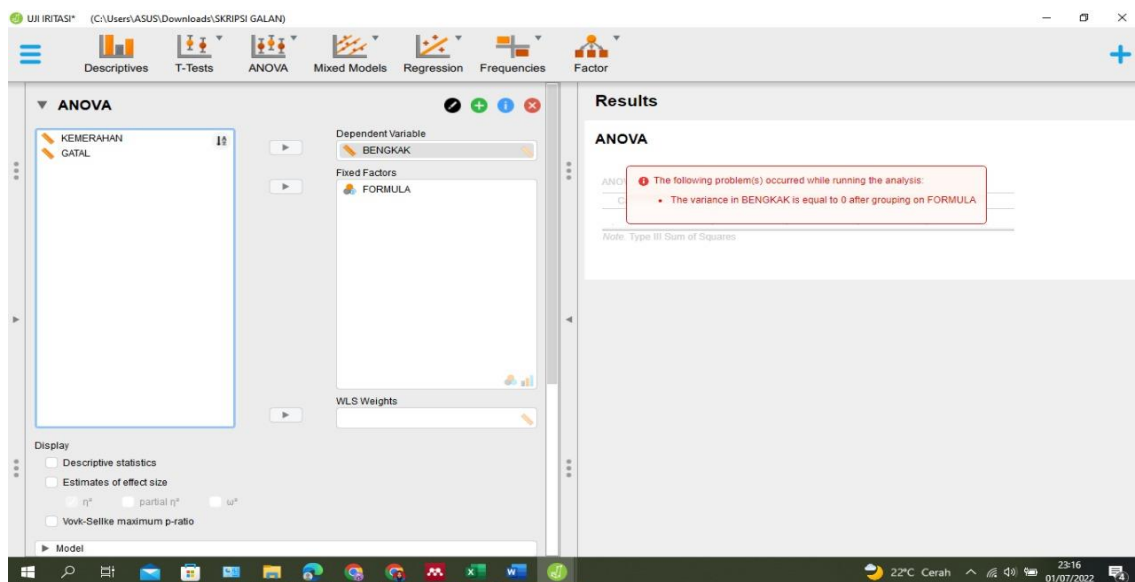
		Mean Difference	SE	t	p _{tukey}	p _{bonf}
F0 (WHEY KEFIR 0%)	F1 (WHEY KEFIR 2%)	-0.050	0.085	-0.588	0.935	1.000
	F2 (WHEY KEFIR 5%)	-0.050	0.085	-0.588	0.935	1.000
	F3 (WHEY KEFIR 7%)	-3.192e-16	0.085	-3.752e- 15	1.000	1.000
F1 (WHEY KEFIR 2%)	F2 (WHEY KEFIR 5%)	2.776e-17	0.085	3.263e-16	1.000	1.000
	F3 (WHEY KEFIR 7%)	0.050	0.085	0.588	0.935	1.000
F2 (WHEY KEFIR 5%)	F3 (WHEY KEFIR 7%)	0.050	0.085	0.588	0.935	1.000

Note. P-value adjusted for comparing a family of 4

B. Gatal



C. Bengkak



5. Uji Hedonik

A. Warna

ANOVA - WARNA

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	2.400	4	0.600	0.886	0.476
Residuals	64.350	95	0.677		

Note. Type III Sum of Squares

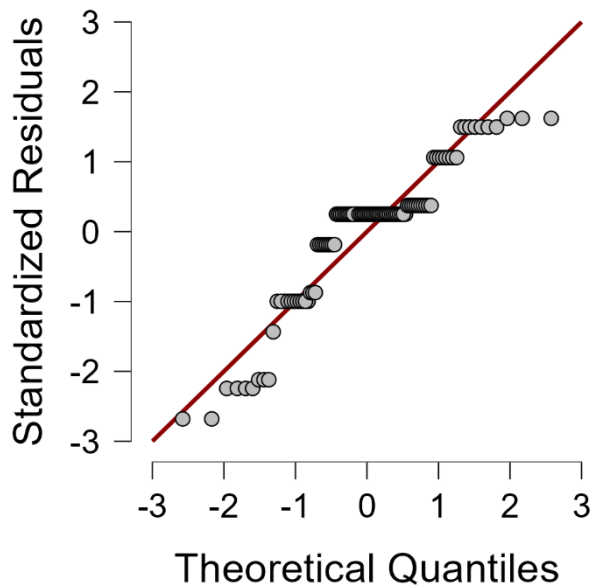
Descriptives - WARNA

FORMULA	Mean	SD	N
F0 (WHEY KEFIR 0%)	5.800	0.696	20
F1 (WHEY KEFIR 2%)	5.800	0.696	20
F2 (WHEY KEFIR 5%)	5.800	0.834	20
F3 (WHEY KEFIR 7%)	5.700	0.923	20
PEMBANDING	6.150	0.933	20

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.704	4.000	95.000	0.591

Q-Q Plot

**Post Hoc Comparisons - FORMULA**

		Mean Difference	SE	t	p _{tukey}	p _{bonf}
F0 (WHEY KEFIR 0%)	F1 (WHEY KEFIR 2%)	4.469e-15	0.260	1.717e-14	1.000	1.000
	F2 (WHEY KEFIR 5%)	4.538e-15	0.260	1.744e-14	1.000	1.000
	F3 (WHEY KEFIR 7%)	0.100	0.260	0.384	0.995	1.000
	PEMBANDING	-0.350	0.260	-1.345	0.664	1.000
F1 (WHEY KEFIR 2%)	F2 (WHEY KEFIR 5%)	6.939e-17	0.260	2.666e-16	1.000	1.000
	F3 (WHEY KEFIR 7%)	0.100	0.260	0.384	0.995	1.000
	PEMBANDING	-0.350	0.260	-1.345	0.664	1.000

Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	P _{Tukey}	P _{bonf}
F2 (WHEY KEFIR 5%)	F3 (WHEY KEFIR 7%)	0.100	0.260	0.384	0.995	1.000
	PEMBANDING	-0.350	0.260	-1.345	0.664	1.000
F3 (WHEY KEFIR 7%)	PEMBANDING	-0.450	0.260	-1.729	0.421	0.871

Note. P-value adjusted for comparing a family of 5

B. Aroma**ANOVA - AROMA**

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	24.900	4	6.225	6.352	< .001
Residuals	93.100	95	0.980		

Note. Type III Sum of Squares

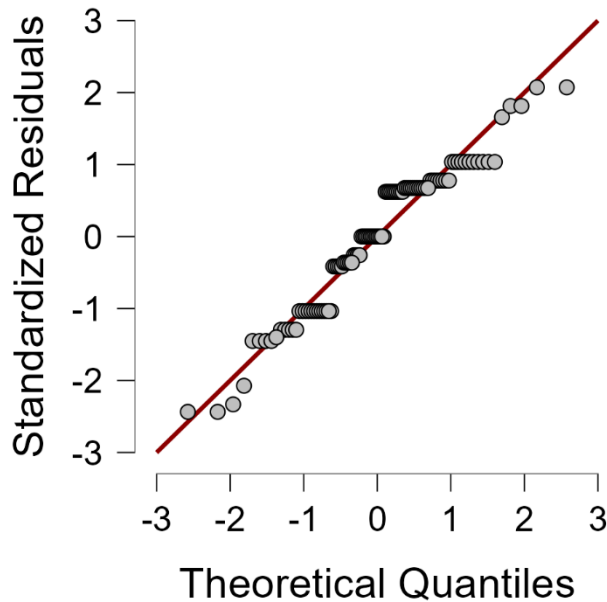
Descriptives - AROMA

FORMULA	Mean	SD	N
F0 (WHEY KEFIR 0%)	5.000	0.973	20
F1 (WHEY KEFIR 2%)	5.000	0.973	20
F2 (WHEY KEFIR 5%)	5.400	0.883	20
F3 (WHEY KEFIR 7%)	5.250	1.118	20
PEMBANDING	6.350	0.988	20

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.570	4.000	95.000	0.685

Q-Q Plot



Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	Ptukey	Pbonf
F0 (WHEY KEFIR 0%)	F1 (WHEY KEFIR 2%)	2.498e-15	0.313	7.980e-15	1.000	1.000
	F2 (WHEY KEFIR 5%)	-0.400	0.313	-1.278	0.705	1.000
	F3 (WHEY KEFIR 7%)	-0.250	0.313	-0.799	0.930	1.000
	PEMBANDING	-1.350	0.313	-4.312	< .001	< .001
F1 (WHEY KEFIR 2%)	F2 (WHEY KEFIR 5%)	-0.400	0.313	-1.278	0.705	1.000
	F3 (WHEY KEFIR 7%)	-0.250	0.313	-0.799	0.930	1.000
	PEMBANDING	-1.350	0.313	-4.312	< .001	< .001
	F2 (WHEY KEFIR 5%)	-0.400	0.313	-1.278	0.705	1.000
F2 (WHEY KEFIR 5%)	F3 (WHEY KEFIR 7%)	0.150	0.313	0.479	0.989	1.000
	PEMBANDING	-0.950	0.313	-3.035	0.025	0.031
	F3 (WHEY KEFIR 7%)	-0.250	0.313	-0.799	0.930	1.000
F3 (WHEY KEFIR 7%)	PEMBANDING	-1.100	0.313	-3.514	0.006	0.007

Note. P-value adjusted for comparing a family of 5

C. SENSASI DI KULIT

ANOVA - SENSASI DI KULIT

Cases	Sum of Squares	df	Mean Square	F	p
FORMULA	4.960	4	1.240	1.298	0.276
Residuals	90.750	95	0.955		

Note. Type III Sum of Squares

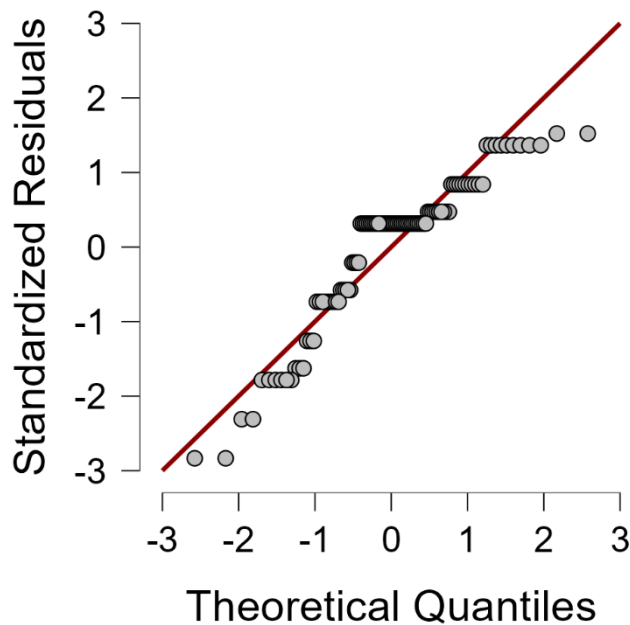
Descriptives - SENSASI DI KULIT

FORMULA	Mean	SD	N
F0 (WHEY KEFIR 0%)	5.550	0.887	20
F1 (WHEY KEFIR 2%)	5.700	0.979	20
F2 (WHEY KEFIR 5%)	5.700	1.081	20
F3 (WHEY KEFIR 7%)	5.700	0.865	20
PEMBANDING	6.200	1.056	20

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.476	4.000	95.000	0.754

Q-Q Plot

**Post Hoc Comparisons - FORMULA**

		Mean Difference	SE	t	p _{Tukey}	p _{bonf}
F0 (WHEY KEFIR 0%)	F1 (WHEY KEFIR 2%)	-0.150	0.309	-0.485	0.989	1.000
	F2 (WHEY KEFIR 5%)	-0.150	0.309	-0.485	0.989	1.000
	F3 (WHEY KEFIR 7%)	-0.150	0.309	-0.485	0.989	1.000
	PEMBANDING	-0.650	0.309	-2.103	0.227	0.381
F1 (WHEY KEFIR 2%)	F2 (WHEY KEFIR 5%)	4.302e-16	0.309	1.392e-15	1.000	1.000

Post Hoc Comparisons - FORMULA

		Mean Difference	SE	t	P _{Tukey}	P _{bonf}
F2 (WHEY KEFIR 5%)	F3 (WHEY KEFIR 7%)	3.747e-16	0.309	1.212e-15	1.000	1.000
	PEMBANDING	-0.500	0.309	-1.618	0.490	1.000
	F3 (WHEY KEFIR 7%)	-5.551e-17	0.309	-1.796e-16	1.000	1.000
	PEMBANDING	-0.500	0.309	-1.618	0.490	1.000
F3 (WHEY KEFIR 7%)	PEMBANDING	-0.500	0.309	-1.618	0.490	1.000

Note. P-value adjusted for comparing a family of 5

6. Cycling Test**1). F0****A. Uji pH****ANOVA - UJI PH**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	0.193	5	0.039	76.448	< .001
Residuals	0.006	12	5.056e-4		

Note. Type III Sum of Squares

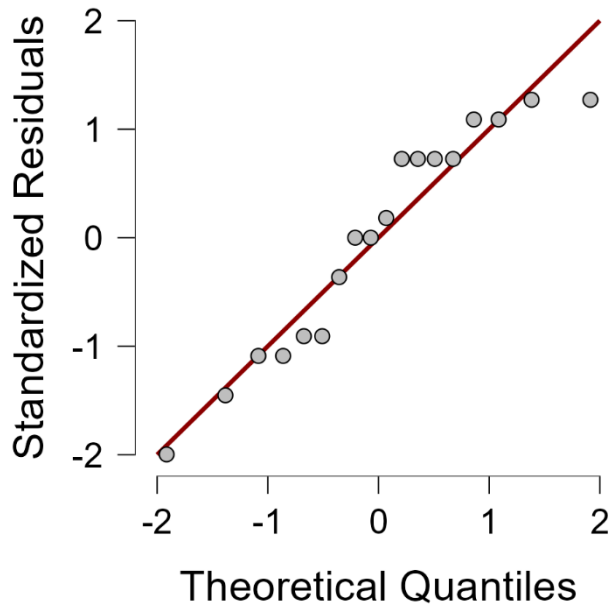
Descriptives - UJI PH

	SIKLUS	Mean	SD	N
F0 (WHEY KEFIR 0%)	SIKLUS 1	7.360	0.020	3
F0 (WHEY KEFIR 0%)	SIKLUS 2	7.427	0.015	3
F0 (WHEY KEFIR 0%)	SIKLUS 3	7.557	0.021	3
F0 (WHEY KEFIR 0%)	SIKLUS 4	7.567	0.032	3
F0 (WHEY KEFIR 0%)	SIKLUS 5	7.587	0.023	3
F0 (WHEY KEFIR 0%)	SIKLUS 6	7.670	0.020	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.698	5.000	12.000	0.635

Q-Q Plot



Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	p _{tukey}	p _{bonf}
F0 (WHEY KEFIR 0%) SIKLUS 1	F0 (WHEY KEFIR 0%) SIKLUS 2	-0.067	0.018	-3.631	0.032	0.052
	F0 (WHEY KEFIR 0%) SIKLUS 3	-0.197	0.018	10.713	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 4	-0.207	0.018	11.257	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 5	-0.227	0.018	12.347	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 6	-0.310	0.018	16.886	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 3	-0.130	0.018	-7.081	< .001	< .001
F0 (WHEY KEFIR 0%) SIKLUS 2	F0 (WHEY KEFIR 0%) SIKLUS 4	-0.140	0.018	-7.626	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 5	-0.160	0.018	-8.715	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 6	-0.243	0.018	13.254	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 3	-0.010	0.018	-0.545	0.993	1.000
F0 (WHEY KEFIR 0%) SIKLUS 3	F0 (WHEY KEFIR 0%) SIKLUS 5	-0.030	0.018	-1.634	0.594	1.000
	F0 (WHEY KEFIR 0%) SIKLUS 6	-0.113	0.018	-6.173	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 4	-0.020	0.018	-1.089	0.877	1.000

Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	P _{tukey}	P _{bonf}
	F0 (WHEY KEFIR 0%) SIKLUS 6	-0.103	0.018	-5.629	0.001	0.002
F0 (WHEY KEFIR 0%) SIKLUS 5	F0 (WHEY KEFIR 0%) SIKLUS 6	-0.083	0.018	-4.539	0.007	0.010

Note. P-value adjusted for comparing a family of 6

B. Uji Viskositas**ANOVA - UJI VISKOSITAS**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	1.803e+7	5	3.607e+6	41.571	< .001
Residuals	1.041e+6	12	86755.556		

Note. Type III Sum of Squares

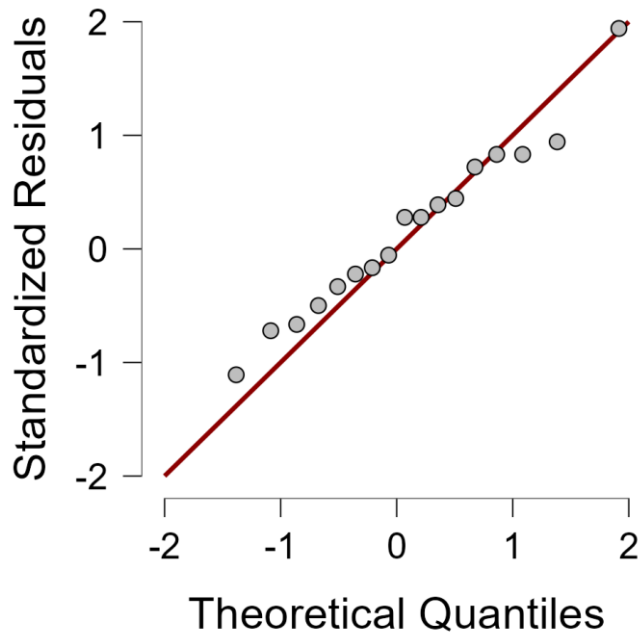
Descriptives - UJI VISKOSITAS

SIKLUS	Mean	SD	N
F0 (WHEY KEFIR 0%) SIKLUS 1	20240.000	174.356	3
F0 (WHEY KEFIR 0%) SIKLUS 2	21186.667	234.379	3
F0 (WHEY KEFIR 0%) SIKLUS 3	21853.333	612.318	3
F0 (WHEY KEFIR 0%) SIKLUS 4	21880.000	183.303	3
F0 (WHEY KEFIR 0%) SIKLUS 5	22733.333	61.101	3
F0 (WHEY KEFIR 0%) SIKLUS 6	23333.333	151.438	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
5.024	5.000	12.000	0.010

Q-Q Plot



Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	P _{tukey}	P _{bonf}
F0 (WHEY KEFIR 0%) SIKLUS 1	F0 (WHEY KEFIR 0%) SIKLUS 2	-946.667	240.493	-3.936	0.019	0.030
	F0 (WHEY KEFIR 0%) SIKLUS 3	-1613.333	240.493	-6.708	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 4	-1640.000	240.493	-6.819	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 5	-2493.333	240.493	10.368 ⁻	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 6	-3093.333	240.493	12.862 ⁻	< .001	< .001
F0 (WHEY KEFIR 0%) SIKLUS 2	F0 (WHEY KEFIR 0%) SIKLUS 3	-666.667	240.493	-2.772	0.131	0.253
	F0 (WHEY KEFIR 0%) SIKLUS 4	-693.333	240.493	-2.883	0.109	0.206
	F0 (WHEY KEFIR 0%) SIKLUS 5	-1546.667	240.493	-6.431	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 6	-2146.667	240.493	-8.926	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 3	-26.667	240.493	-0.111	1.000	1.000
F0 (WHEY KEFIR 0%) SIKLUS 3	F0 (WHEY KEFIR 0%) SIKLUS 4	-880.000	240.493	-3.659	0.030	0.049
	F0 (WHEY KEFIR 0%) SIKLUS 5	-1480.000	240.493	-6.154	< .001	< .001
	F0 (WHEY KEFIR 0%) SIKLUS 6	-853.333	240.493	-3.548	0.036	0.060

Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	Ptukey	Pbonf
	F0 (WHEY KEFIR 0%) SIKLUS 6	-1453.333	240.493	-6.043	< .001	< .001
F0 (WHEY KEFIR 0%) SIKLUS 5	F0 (WHEY KEFIR 0%) SIKLUS 6	-600.000	240.493	-2.495	0.200	0.423

Note. P-value adjusted for comparing a family of 6

Kruskal-Wallis Test

Factor	Statistic	df	p
SIKLUS	15.560	5	0.008

2). F1**A. Uji Viskositas****ANOVA - UJI VISKOSITAS**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	1.149e+7	5	2.297e+6	29.602	< .001
Residuals	931200.000	12	77600.000		

Note. Type III Sum of Squares

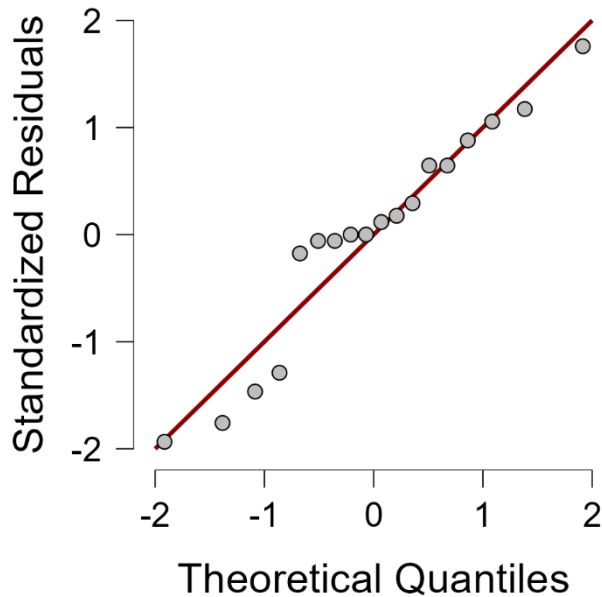
Descriptives - UJI VISKOSITAS

SIKLUS	Mean	SD	N
F1 (WHEY KEFIR 2%) SIKLUS 1	17453.333	305.505	3
F1 (WHEY KEFIR 2%) SIKLUS 2	17480.000	40.000	3
F1 (WHEY KEFIR 2%) SIKLUS 3	17933.333	23.094	3
F1 (WHEY KEFIR 2%) SIKLUS 4	18480.000	381.576	3
F1 (WHEY KEFIR 2%) SIKLUS 5	19133.333	254.034	3
F1 (WHEY KEFIR 2%) SIKLUS 6	19560.000	400.000	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.662	5.000	12.000	0.076

Q-Q Plot



Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	P _{Tukey}	P _{bonf}
F1 (WHEY KEFIR 2%) SIKLUS 1	F1 (WHEY KEFIR 2%) SIKLUS 2	-26.667	227.450	0.117	1.000	1.000
	F1 (WHEY KEFIR 2%) SIKLUS 3	-480.000	227.450	2.110	0.344	0.847
	F1 (WHEY KEFIR 2%) SIKLUS 4	-1026.667	227.450	4.514	0.007	0.011
	F1 (WHEY KEFIR 2%) SIKLUS 5	-1680.000	227.450	7.386	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 6	-2106.667	227.450	9.262	< .001	< .001
F1 (WHEY KEFIR 2%) SIKLUS 2	F1 (WHEY KEFIR 2%) SIKLUS 3	-453.333	227.450	1.993	0.399	1.000
	F1 (WHEY KEFIR 2%) SIKLUS 4	-1000.000	227.450	4.397	0.009	0.013
	F1 (WHEY KEFIR 2%) SIKLUS 5	-1653.333	227.450	7.269	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 6	-2080.000	227.450	9.145	< .001	< .001
F1 (WHEY KEFIR 2%) SIKLUS 3	F1 (WHEY KEFIR 2%) SIKLUS 4	-546.667	227.450	2.403	0.229	0.500
	F1 (WHEY KEFIR 2%) SIKLUS 5	-1200.000	227.450	5.276	0.002	0.003
	F1 (WHEY KEFIR 2%) SIKLUS 6	-1626.667	227.450	7.152	< .001	< .001
F1 (WHEY KEFIR 2%) SIKLUS 4	F1 (WHEY KEFIR 2%) SIKLUS 5	-653.333	227.450	2.872	0.111	0.210
	F1 (WHEY KEFIR 2%) SIKLUS 6	-1080.000	227.450	4.748	0.005	0.007

Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	Ptukey	Pbonf
F1 (WHEY KEFIR 2%) SIKLUS 5	F1 (WHEY KEFIR 2%) SIKLUS 6	-426.667	227.450	-1.876	0.459	1.000

Note. Pvalue adjusted for comparing a family of 6

B. Uji pH**ANOVA - UJI PH**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	0.459	5	0.092	661.384	< .001
Residuals	0.002	12	1.389e-4		

Note. Type III Sum of Squares

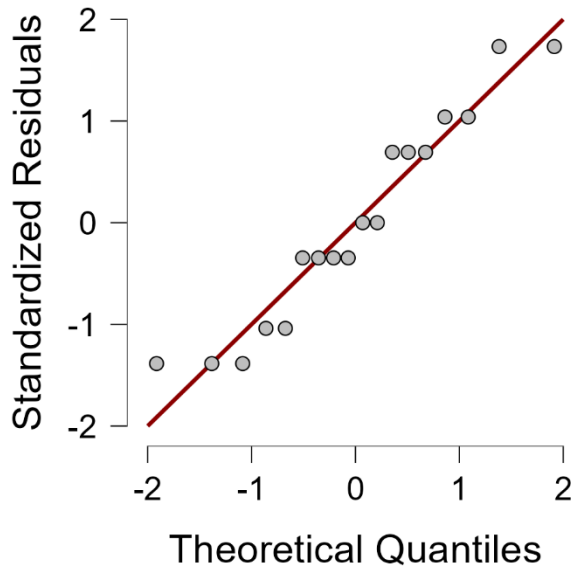
Descriptives - UJI PH

	SIKLUS	Mean	SD	N
F1 (WHEY KEFIR 2%) SIKLUS 1		7.100	0.010	3
F1 (WHEY KEFIR 2%) SIKLUS 2		7.150	0.010	3
F1 (WHEY KEFIR 2%) SIKLUS 3		7.183	0.012	3
F1 (WHEY KEFIR 2%) SIKLUS 4		7.213	0.015	3
F1 (WHEY KEFIR 2%) SIKLUS 5		7.313	0.015	3
F1 (WHEY KEFIR 2%) SIKLUS 6		7.583	0.006	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.718	5.000	12.000	0.622

Q-Q Plot



Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	p _{tukey}	p _{bonf}
F1 (WHEY KEFIR 2%) SIKLUS 1	F1 (WHEY KEFIR 2%) SIKLUS 2	-0.050	0.010	-5.196	0.002	0.003
	F1 (WHEY KEFIR 2%) SIKLUS 3	-0.083	0.010	-8.660	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 4	-0.113	0.010	11.778	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 5	-0.213	0.010	22.170	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 6	-0.483	0.010	50.229	< .001	< .001
F1 (WHEY KEFIR 2%) SIKLUS 2	F1 (WHEY KEFIR 2%) SIKLUS 3	-0.033	0.010	-3.464	0.042	0.070
	F1 (WHEY KEFIR 2%) SIKLUS 4	-0.063	0.010	-6.582	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 5	-0.163	0.010	16.974	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 6	-0.433	0.010	45.033	< .001	< .001
F1 (WHEY KEFIR 2%) SIKLUS 3	F1 (WHEY KEFIR 2%) SIKLUS 4	-0.030	0.010	-3.118	0.075	0.133
	F1 (WHEY KEFIR 2%) SIKLUS 5	-0.130	0.010	13.510	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 6	-0.400	0.010	41.569	< .001	< .001
F1 (WHEY KEFIR 2%) SIKLUS 4	F1 (WHEY KEFIR 2%) SIKLUS 5	-0.100	0.010	10.392	< .001	< .001
	F1 (WHEY KEFIR 2%) SIKLUS 6	-0.370	0.010	38.452	< .001	< .001
F1 (WHEY KEFIR 2%) SIKLUS 5	F1 (WHEY KEFIR 2%) SIKLUS 6	-0.270	0.010	28.059	< .001	< .001

Post Hoc Comparisons - SIKLUS

	Mean Difference	SE	t	Ptukey	Pbonf
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Note. P-value adjusted for comparing a family of 6

3). F2**A. Uji pH****ANOVA - UJI PH**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	0.263	5	0.053	287.230	< .001
Residuals	0.002	12	1.833e-4		

Note. Type III Sum of Squares

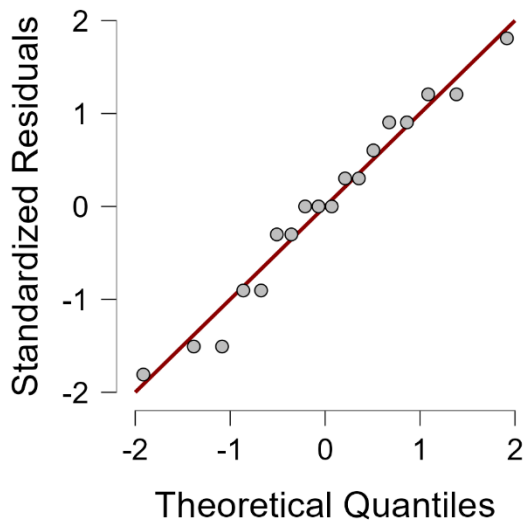
Descriptives - UJI PH

SIKLUS	Mean	SD	N
F2 (WHEY KEFIR 5%) SIKLUS 1	6.970	0.020	3
F2 (WHEY KEFIR 5%) SIKLUS 2	7.130	0.010	3
F2 (WHEY KEFIR 5%) SIKLUS 3	7.157	0.015	3
F2 (WHEY KEFIR 5%) SIKLUS 4	7.200	0.010	3
F2 (WHEY KEFIR 5%) SIKLUS 5	7.253	0.006	3
F2 (WHEY KEFIR 5%) SIKLUS 6	7.367	0.015	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.711	5.000	12.000	0.627

Q-Q Plot



Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	p _{tukey}	p _{bonf}
F2 (WHEY KEFIR 5%) SIKLUS 1	F2 (WHEY KEFIR 5%) SIKLUS 2	-0.160	0.011	14.473	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 3	-0.187	0.011	16.885	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 4	-0.230	0.011	20.804	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 5	-0.283	0.011	25.628	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 6	-0.397	0.011	35.880	< .001	< .001
F2 (WHEY KEFIR 5%) SIKLUS 2	F2 (WHEY KEFIR 5%) SIKLUS 3	-0.027	0.011	-2.412	0.226	0.492
	F2 (WHEY KEFIR 5%) SIKLUS 4	-0.070	0.011	-6.332	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 5	-0.123	0.011	11.156	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 6	-0.237	0.011	21.407	< .001	< .001
F2 (WHEY KEFIR 5%) SIKLUS 3	F2 (WHEY KEFIR 5%) SIKLUS 4	-0.043	0.011	-3.920	0.019	0.031
	F2 (WHEY KEFIR 5%) SIKLUS 5	-0.097	0.011	-8.744	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 6	-0.210	0.011	18.995	< .001	< .001
F2 (WHEY KEFIR 5%) SIKLUS 4	F2 (WHEY KEFIR 5%) SIKLUS 5	-0.053	0.011	-4.824	0.004	0.006
	F2 (WHEY KEFIR 5%) SIKLUS 6	-0.167	0.011	15.076	< .001	< .001
F2 (WHEY KEFIR 5%) SIKLUS 5	F2 (WHEY KEFIR 5%) SIKLUS 6	-0.113	0.011	10.251	< .001	< .001

Post Hoc Comparisons - SIKLUS

	Mean Difference	SE	t	Ptukey	Pbonf
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Note. P-value adjusted for comparing a family of 6

B. Uji Viskositas**ANOVA - UJI VISKOSITAS**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	3.567e+7	5	7.133e+6	175.869	< .001
Residuals	486733.333	12	40561.111		

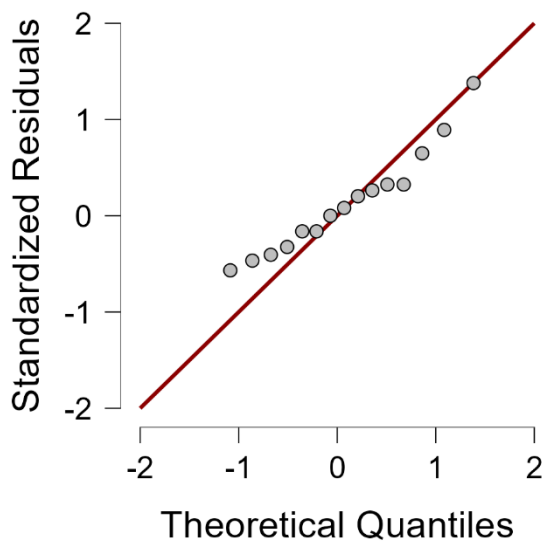
Note. Type III Sum of Squares

Descriptives - UJI VISKOSITAS

SIKLUS	Mean	SD	N
F2 (WHEY KEFIR 5%) SIKLUS 1	10306.667	61.101	3
F2 (WHEY KEFIR 5%) SIKLUS 2	11680.000	360.000	3
F2 (WHEY KEFIR 5%) SIKLUS 3	12306.667	46.188	3
F2 (WHEY KEFIR 5%) SIKLUS 4	13236.667	66.583	3
F2 (WHEY KEFIR 5%) SIKLUS 5	13853.333	294.845	3
F2 (WHEY KEFIR 5%) SIKLUS 6	14533.333	128.582	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.577	5.000	12.000	0.083

Q-Q Plot

Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	P _{tukey}	P _{bonf}
F2 (WHEY KEFIR 5%) SIKLUS 1	F2 (WHEY KEFIR 5%) SIKLUS 2	-1373.333	164.441	-8.352	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 3	-2000.000	164.441	12.162	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 4	-2930.000	164.441	17.818	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 5	-3546.667	164.441	21.568	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 6	-4226.667	164.441	25.703	< .001	< .001
F2 (WHEY KEFIR 5%) SIKLUS 2	F2 (WHEY KEFIR 5%) SIKLUS 3	-626.667	164.441	-3.811	0.023	0.037
	F2 (WHEY KEFIR 5%) SIKLUS 4	-1556.667	164.441	-9.466	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 5	-2173.333	164.441	13.217	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 6	-2853.333	164.441	17.352	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 4	-930.000	164.441	-5.656	0.001	0.002
F2 (WHEY KEFIR 5%) SIKLUS 3	F2 (WHEY KEFIR 5%) SIKLUS 5	-1546.667	164.441	-9.406	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 6	-2226.667	164.441	13.541	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 5	-616.667	164.441	-3.750	0.026	0.042
	F2 (WHEY KEFIR 5%) SIKLUS 6	-1296.667	164.441	-7.885	< .001	< .001
	F2 (WHEY KEFIR 5%) SIKLUS 6	-680.000	164.441	-4.135	0.014	0.021

Note. P-value adjusted for comparing a family of 6

4). F3**A. Uji pH****ANOVA - UJI PH**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	0.509	5	0.102	705.454	< .001
Residuals	0.002	12	1.444e-4		

Note. Type III Sum of Squares

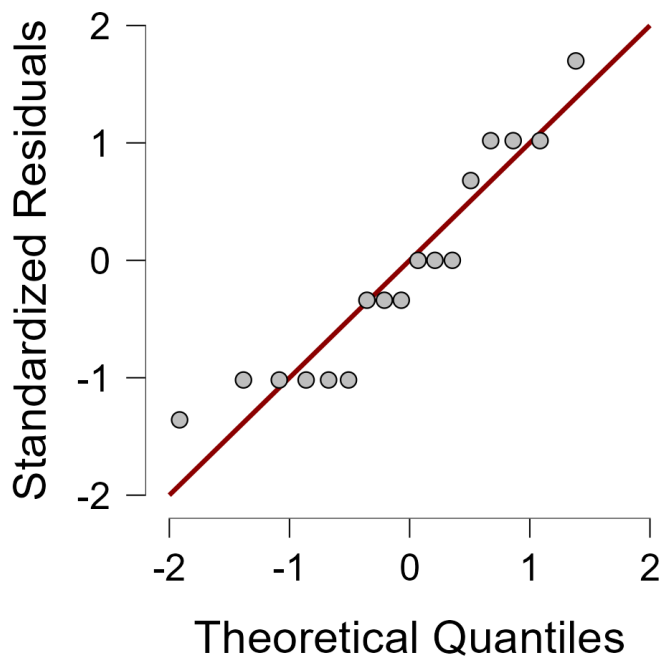
Descriptives - UJI PH

	SIKLUS	Mean	SD	N
F3 (WHEY KEFIR 7%)	SIKLUS 1	6.670	0.010	3
F3 (WHEY KEFIR 7%)	SIKLUS 2	6.730	0.017	3
F3 (WHEY KEFIR 7%)	SIKLUS 3	6.800	0.010	3
F3 (WHEY KEFIR 7%)	SIKLUS 4	6.883	0.015	3
F3 (WHEY KEFIR 7%)	SIKLUS 5	6.923	0.006	3
F3 (WHEY KEFIR 7%)	SIKLUS 6	7.190	0.010	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
1.088	5.000	12.000	0.415

Q-Q Plot



Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	ptukey	pbonf
F3 (WHEY KEFIR 7%) SIKLUS 1	F3 (WHEY KEFIR 7%) SIKLUS 2	-0.060	0.010	-6.114	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 3	-0.130	0.010	13.248	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 4	-0.213	0.010	21.740	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 5	-0.253	0.010	25.816	< .001	< .001

Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	P _{tukey}	P _{bonf}
	F3 (WHEY KEFIR 7%) SIKLUS 6	-0.520	0.010	52.991	< .001	< .001
F3 (WHEY KEFIR 7%) SIKLUS 2	F3 (WHEY KEFIR 7%) SIKLUS 3	-0.070	0.010	-7.133	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 4	-0.153	0.010	15.625	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 5	-0.193	0.010	19.702	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 6	-0.460	0.010	46.876	< .001	< .001
F3 (WHEY KEFIR 7%) SIKLUS 3	F3 (WHEY KEFIR 7%) SIKLUS 4	-0.083	0.010	-8.492	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 5	-0.123	0.010	12.568	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 6	-0.390	0.010	39.743	< .001	< .001
F3 (WHEY KEFIR 7%) SIKLUS 4	F3 (WHEY KEFIR 7%) SIKLUS 5	-0.040	0.010	-4.076	0.015	0.023
	F3 (WHEY KEFIR 7%) SIKLUS 6	-0.307	0.010	31.251	< .001	< .001
F3 (WHEY KEFIR 7%) SIKLUS 5	F3 (WHEY KEFIR 7%) SIKLUS 6	-0.267	0.010	27.175	< .001	< .001

Note. P-value adjusted for comparing a family of 6

B. Uji Viskositas**ANOVA - UJI VISKOSITAS**

Cases	Sum of Squares	df	Mean Square	F	p
SIKLUS	2.516e+7	5	5.031e+6	93.092	< .001
Residuals	648533.333	12	54044.444		

Note. Type III Sum of Squares

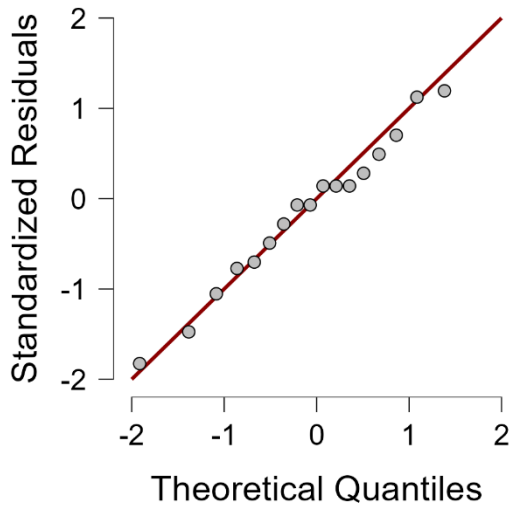
Descriptives - UJI VISKOSITAS

SIKLUS	Mean	SD	N
F3 (WHEY KEFIR 7%) SIKLUS 1	10293.333	23.094	3
F3 (WHEY KEFIR 7%) SIKLUS 2	11173.333	197.315	3
F3 (WHEY KEFIR 7%) SIKLUS 3	12280.000	417.612	3
F3 (WHEY KEFIR 7%) SIKLUS 4	12586.667	128.582	3
F3 (WHEY KEFIR 7%) SIKLUS 5	13346.667	302.875	3
F3 (WHEY KEFIR 7%) SIKLUS 6	13693.333	46.188	3

Test for Equality of Variances (Levene's)

F	df1	df2	p
6.223	5.000	12.000	0.005

Q-Q Plot



Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	Ptukey	Pbonf
F3 (WHEY KEFIR 7%) SIKLUS 1	F3 (WHEY KEFIR 7%) SIKLUS 2	-880.000	189.815	-4.636	0.006	0.009
	F3 (WHEY KEFIR 7%) SIKLUS 3	-1986.667	189.815	-10.466	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 4	-2293.333	189.815	-12.082	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 5	-3053.333	189.815	-16.086	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 6	-3400.000	189.815	-17.912	< .001	< .001
F3 (WHEY KEFIR 7%) SIKLUS 2	F3 (WHEY KEFIR 7%) SIKLUS 3	-1106.667	189.815	-5.830	< .001	0.001
	F3 (WHEY KEFIR 7%) SIKLUS 4	-1413.333	189.815	-7.446	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 5	-2173.333	189.815	-11.450	< .001	< .001

Post Hoc Comparisons - SIKLUS

		Mean Difference	SE	t	p_{Tukey}	p_{bonf}
F3 (WHEY KEFIR 7%) SIKLUS 3	F3 (WHEY KEFIR 7%) SIKLUS 6	-2520.000	189.815	-13.276	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 4	-306.667	189.815	-1.616	0.604	1.000
	F3 (WHEY KEFIR 7%) SIKLUS 5	-1066.667	189.815	-5.620	0.001	0.002
	F3 (WHEY KEFIR 7%) SIKLUS 6	-1413.333	189.815	-7.446	< .001	< .001
	F3 (WHEY KEFIR 7%) SIKLUS 5	-760.000	189.815	-4.004	0.017	0.026
	F3 (WHEY KEFIR 7%) SIKLUS 6	-1106.667	189.815	-5.830	< .001	0.001
F3 (WHEY KEFIR 7%) SIKLUS 5	F3 (WHEY KEFIR 7%) SIKLUS 6	-346.667	189.815	-1.826	0.486	1.000

Note. P-value adjusted for comparing a family of 6

Kruskal-Wallis Test

Factor	Statistic	df	p
SIKLUS	16.191	5	0.006

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