

LAMPIRAN 1. Perhitungan Anova Dua Arah untuk Mengetahui Pengaruh Trace Mineral dan Kecepatan Shaker terhadap Berat Biomasa (gram/150 ml)

Source	SS	df	MS	F	P
Main Effects					
Shaker	4.1292833402	1	4.1292833402	11.675911011	.0018 **
Trace	0.4985231865	4	0.1246307966	0.3524045145	.8403 ns
Interaction					
Shaker x Trace	1.2857449835	4	0.3214362459	0.908889193	.4714 ns
Error	10.609750288	30	0.3536583429		
Total	16.523301798	39			

Duncan's Multiple Range Test

Factor: Shaker

Error mean square = 0.3536583429

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.3840657981

Rank	Trt#	Mean	n	Non-significant ranges
1	2	1.638855	20	a
2	1	0.99626	20	b

Duncan's Multiple Range Test

Factor: Trace

Error mean square = 0.3536583429

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.6072613467

Rank	Trt#	Mean	n	Non-significant ranges
1	4	1.4763375	8	a
2	3	1.3678125	8	a
3	2	1.3103125	8	a
4	5	1.300825	8	a
5	1	1.1325	8	a

LAMPIRAN 2. Perhitungan Anova Dua Arah untuk Mengetahui Pengaruh Trace Mineral dan Kecepatan Shaker terhadap Berat Protein (gram/150 ml)

Source	SS	df	MS	F	P
Main Effects					
Shaker	0.1661703611	1	0.1661703611	6.7170389835	.0146 **
Trace	0.1475368576	4	0.0368842144	1.4909560542	.2298 ns
Interaction					
Shaker x Trace	0.0531061053	4	0.0132765263	0.5366717884	.7099 ns
Error	0.742158985	30	0.0247386328		
Total	1.1089723091	39			

Duncan's Multiple Range Test

Factor: Shaker

Error mean square = 0.0247386328

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.1015784374

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.3695871145	20	a
2	1	0.2406800313	20	b

Duncan's Multiple Range Test

Factor: Trace

Error mean square = 0.0247386328

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.1606096116

Rank	Trt#	Mean	n	Non-significant ranges
1	4	0.4152195181	8	a
2	5	0.3272031797	8	a
3	2	0.2641463034	8	a
4	3	0.2599618592	8	a
5	1	0.259137004	8	a

LAMPIRAN 3. Perhitungan Anova Dua Arah untuk Mengetahui Pengaruh Trace Mineral dan Kecepatan Shaker terhadap Berat Lemak (gram/150 ml)

Source	SS	df	MS	F	P
Main Effects					
Shaker	0.0016017674	1	0.0046017674	0.8844511873	.3545 ns
Trace	0.0070835772	4	0.0017708943	0.9778383364	.4343 ns
Interaction					
Shaker x Trace	0.0042604199	4	0.001065105	0.5881211915	.6737 ns
Error	0.0543308923	30	0.0018110297		
Total	0.0672766568	39			

Duncan's Multiple Range Test

Factor: Shaker

Error mean square = 0.0018110297

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.0274837805

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.09856	20	a
2	1	0.085903905	20	b

Duncan's Multiple Range Test

Factor: Trace

Error mean square = 0.0018440297

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.0434556726

Rank	Trt#	Mean	n	Non-significant ranges
1	3	0.1089375	8	a
2	2	0.1074	8	a
3	1	0.0848375	8	a
4	4	0.0833097625	8	a
5	5	0.076675	8	a

LAMPIRAN 4. Perhitungan Anova Dua Arah untuk Mengetahui Pengaruh Trace Mineral dan Kecepatan Shaker terhadap Berat Serat Kasar (gram/150 ml)

Source	SS	df	MS	F	P
Main Effects					
Shaker	0.0407902294	1	0.0407902294	1.7879772428	.1912 ns
Trace	0.0570905172	4	0.0142726293	0.625618849	.6479 ns
Interaction					
Shaker x Trace	0.1224100846	4	0.0306025212	1.3414146512	.2776 ns
Error	0.6844085337	30	0.0228136178		
Total	0.904699365	39			

Duncan's Multiple Range Test

Factor: Shaker

Error mean square = 0.0228136178

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.097546291

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.4058131334	20	a
2	1	0.3419459044	20	a

Duncan's Multiple Range Test

Factor: Trace

Error mean square = 0.0228136178

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.1542342284

Rank	Trt#	Mean	n	Non-significant ranges
1	4	0.4321594743	8	a
2	2	0.4048459384	8	a
3	3	0.3495437208	8	a
4	1	0.3478242208	8	a
5	5	0.3350242402	8	a

LAMPIRAN 5. Perhitungan Anova Dua Arah untuk Mengetahui Pengaruh Trace Mineral dan Kecepatan Shaker terhadap Berat Karbohidrat (gram/150 ml)

Source	SS	df	MS	F	P
Main Effects					
Shaker	2.2377325863	1	2.2377325863	15.334085445	.0005 ***
Trace	0.1881842962	4	0.047046074	0.3223837038	.8607 ns
Interaction					
Shaker x Trace	0.3971086968	4	0.0992771742	0.6802978521	.6110 ns
Error	4.3779577093	30	0.1459319236		
Total	7.2009832887	39			

Duncan's Multiple Range Test

Factor: Shaker

Error mean square = 0.1459319236

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.2467111819

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.7725758471	20	a
2	1	0.2995290643	20	b

Duncan's Multiple Range Test

Factor: Trace

Error mean square = 0.1459319236

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.3900846295

Rank	Trt#	Mean	n	Non-significant ranges
1	3	0.64336942	8	a
2	5	0.5584850801	8	a
3	4	0.5366487451	8	a
4	2	0.5096577582	8	a
5	1	0.4321012751	8	a

LAMPIRAN 6. Perhitungan Transformasi Anova Dua Arah untuk Mengetahui Pengaruh Trace Mineral dan Kecepatan Shaker terhadap Berat Abu (gram/150 ml)

Source	SS	df	MS	F	P
Main Effects					
Shaker	0.1942459826	1	0.1942459826	23.530845907	.0000 **
Trace	0.031070216	4	0.007767554	0.9409569948	.4538 ns
Interaction					
Shaker x Trace	0.0210468996	4	0.0052617249	0.6374023101	.6399 ns
Error	0.2476485334	30	0.0082549511		
Total	0.4940116316	39			

Duncan's Multiple Range Test

Factor: Shaker

Error mean square = 0.0082549511

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.0586774096

Rank	Trt#	Mean	n	Non-significant ranges
1	1	1.4034267092	20	a
2	2	1.2740545518	20	b

Duncan's Multiple Range Test

Factor: Trace

Error mean square = 0.0082549511

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.0927771308

Rank	Trt#	Mean	n	Non-significant ranges
1	2	1.3927272997	8	a
2	5	1.3556175744	8	a
3	1	1.3300993167	8	a
4	3	1.3247100501	8	a
5	4	1.3155489118	8	a

LAMPIRAN 7. Perhitungan Anova Dua Arah untuk Mengetahui Pengaruh Trace Mineral terhadap Berat Abu (gram/150 ml)

Source	SS	df	MS	F	P
Main Effects					
Shaker	0.001117249	1	0.001117249	25.192865491	.0000 ***
Trace	3.99826E-04	4	9.99565E-05	2.2539207101	.0867 ns
Interaction					
Shaker x Trace	3.08966E-04	4	7.72415E-05	1.7417198134	.1669 ns
Error	0.001330435	30	4.434783E-05		
Total	0.003156476	39			

Duncan's Multiple Range Test

Factor: Shaker

Error mean square = 4.434783E-05

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.0043008063

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.015545	20	a
2	1	0.004975	20	b

Duncan's Multiple Range Test

Factor: Trace

Error mean square = 4.434783E-05

Degrees of freedom = 30

Significance level = 5%

LSD .05 = 0.0068001718

Rank	Trt#	Mean	n	Non-significant ranges
1	2	0.014775	8	a
2	5	0.012925	8	a
3	4	0.009	8	a
4	1	0.0086	8	a
5	3	0.006	8	a