

LAMPIRAN

Lampiran 1. SPSS Jumlah Sperma

Descriptives

Jumlah sperma

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Gel	10	4710,925	3369,556	1065,547	2300,4906	7121,3603	260,42	8906,23
spray	10	5653,631	1298,629	410,6626	4724,6480	6582,6148	3619,78	7421,86
kontrol	10	10677,06	2272,609	718,6622	9051,3292	12302,7828	6562,48	15286,42
Total	30	7013,871	3569,860	651,7644	5680,8631	8346,8787	260,42	15286,42

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Jumlah sperma	Gel	,177	10	,200*	,889	10	,164
	spray	,110	10	,200*	,960	10	,785
	kontrol	,187	10	,200*	,953	10	,706

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Jumlah sperma

Levene Statistic	df 1	df 2	Sig.
3,508	2	27	,044

ANOVA

Jumlah sperma

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2E+008	2	102863672,4	16,951	,000
Within Groups	2E+008	27	6068365,479		
Total	4E+008	29			

Multiple Comparisons

Dependent Variable: Jumlah sperma

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Gel	spray	-942,70592	1101,668	,672	-3674,2019	1788,7900
	kontrol	-5966,13056*	1101,668	,000	-8697,6265	-3234,6346
spray	Gel	942,70592	1101,668	,672	-1788,7900	3674,2019
	kontrol	-5023,42464*	1101,668	,000	-7754,9206	-2291,9287
kontrol	Gel	5966,13056*	1101,668	,000	3234,6346	8697,6265
	spray	5023,42464*	1101,668	,000	2291,9287	7754,9206

*. The mean difference is significant at the .05 level.

Jumlah sperma

Tukey HSD^a

kelompok	N	Subset for alpha = .05	
		1	2
Gel	10	4710,925	
spray	10	5653,631	
kontrol	10		10677,06
Sig.		,672	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

Lampiran 2. SPSS Ketebalan Lapisan Sel Spermatogenik

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Ketebalan Lapisan Sel Spermatogenik	Gel	,178	10	,200*	,906	10	,258
	Spray	,187	10	,200*	,921	10	,365
	Kontrol	,239	10	,111	,890	10	,171

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

a. Lilliefors Significance Correction

Descriptives

Ketebalan Lapisan Sel Spermatogenik

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Gel	10	48,6985	4,28588	1,35531	45,6326	51,7644	39,01	54,20
Spray	10	42,8596	3,51934	1,11291	40,3420	45,3772	38,04	50,35
Kontrol	10	49,8874	4,28997	1,35661	46,8185	52,9562	44,18	55,95
Total	30	47,1485	5,00143	,91313	45,2809	49,0160	38,04	55,95

Test of Homogeneity of Variances

Ketebalan Lapisan Sel Spermatogenik

Levene Statistic	df 1	df 2	Sig.
,678	2	27	,516

ANOVA

Ketebalan Lapisan Sel Spermatogenik

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	282,989	2	141,495	8,635	,001
Within Groups	442,425	27	16,386		
Total	725,415	29			

Multiple Comparisons

Dependent Variable: Ketebalan Lapisan Sel Spermatogenik

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Gel	Spray	5,83893*	1,81031	,009	1,3504	10,3274
	Kontrol	-1,18889	1,81031	,790	-5,6774	3,2996
Spray	Gel	-5,83893*	1,81031	,009	-10,3274	-1,3504
	Kontrol	-7,02782*	1,81031	,002	-11,5163	-2,5393
Kontrol	Gel	1,18889	1,81031	,790	-3,2996	5,6774
	Spray	7,02782*	1,81031	,002	2,5393	11,5163

*. The mean difference is significant at the .05 level.

Ketebalan Lapisan Sel Spermatogenik

Tukey HSD^a

kelompok	N	Subset for alpha = .05	
		1	2
Spray	10	42,8596	
Gel	10		48,6985
Kontrol	10		49,8874
Sig.		1,000	,790

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

Lampiran 3. SPSS Presentase Sel Spermatogonium

Tests of Normality

kelompok	Kolmogorov -Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Presentase Sel Spermatogonium	.176	10	.200*	.923	10	.378
	.158	10	.200*	.938	10	.531
	.212	10	.200*	.911	10	.287

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df 1	df 2	Sig.
Presentase Sel Spermatogonium	Based on Mean	2.842	2	27	.076
	Based on Median	2.475	2	27	.103
	Based on Median and with adjusted df	2.475	2	16.815	.114
	Based on trimmed mean	2.832	2	27	.076

Descriptives

Presentase Sel Spermatogonium

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Gel	10	39.3880	6.62821	2.09602	34.6465	44.1295	31.54	50.46
Spray	10	29.0700	4.42137	1.39816	25.9071	32.2329	23.87	36.70
Kontrol	10	31.1980	3.03718	.96044	29.0253	33.3707	27.78	36.31
Total	30	33.2187	6.55982	1.19765	30.7692	35.6681	23.87	50.46

ANOVA

Presentase Sel Spermatogonium

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	593.552	2	296.776	12.246	.000
Within Groups	654.355	27	24.235		
Total	1247.907	29			

Multiple Comparisons

Dependent Variable: Presentase Sel Spermatogonium

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Gel	Spray	10.31800*	2.20161	.000	4.8593	15.7767
	Kontrol	8.19000*	2.20161	.003	2.7313	13.6487
Spray	Gel	-10.31800*	2.20161	.000	-15.7767	-4.8593
	Kontrol	-2.12800	2.20161	.604	-7.5867	3.3307
Kontrol	Gel	-8.19000*	2.20161	.003	-13.6487	-2.7313
	Spray	2.12800	2.20161	.604	-3.3307	7.5867

*. The mean difference is significant at the .05 level.

Presentase Sel Spermatogonium

Tukey HSD^a

kelompok	N	Subset for alpha = .05	
		1	2
Spray	10	29.0700	
Kontrol	10	31.1980	
Gel	10		39.3880
Sig.		.604	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Lampiran 4. SPSS Presentase Sel Spermatisit Primer

Tests of Normality

kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Presentase Sel Spermatisit Primer	Gel	.193	10	.200*	.906	10	.255
	Spray	.234	10	.129	.862	10	.081
	Kontrol	.130	10	.200*	.963	10	.819

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df 1	df 2	Sig.
Presentase Sel Spermatisit Primer	Based on Mean	2.162	2	27	.135
	Based on Median	1.335	2	27	.280
	Based on Median and with adjusted df	1.335	2	23.393	.282
	Based on trimmed mean	2.183	2	27	.132

Descriptives

Presentase Sel Spermatisit Primer

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Gel	10	30.3220	9.64661	3.05053	23.4212	37.2228	16.50	42.68
Spray	10	28.9060	6.09060	1.92602	24.5490	33.2630	22.55	41.29
Kontrol	10	32.7800	6.61556	2.09202	28.0475	37.5125	20.67	42.07
Total	30	30.6693	7.52493	1.37386	27.8595	33.4792	16.50	42.68

ANOVA

Presentase Sel Spermatisit Primer

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	76.849	2	38.424	.663	.524
Within Groups	1565.264	27	57.973		
Total	1642.113	29			

Multiple Comparisons

Dependent Variable: Presentase Sel Spermatisit Primer

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Gel	Spray	1.41600	3.40508	.909	-7.0266	9.8586
	Kontrol	-2.45800	3.40508	.753	-10.9006	5.9846
Spray	Gel	-1.41600	3.40508	.909	-9.8586	7.0266
	Kontrol	-3.87400	3.40508	.500	-12.3166	4.5686
Kontrol	Gel	2.45800	3.40508	.753	-5.9846	10.9006
	Spray	3.87400	3.40508	.500	-4.5686	12.3166

Presentase Sel Spermatisit Primer

Tukey HSD^a

kelompok	N	Subset for alpha = .05
		1
Spray	10	28.9060
Gel	10	30.3220
Kontrol	10	32.7800
Sig.		.500

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Lampiran 5. SPSS Presentase Sel Spermatisit

Tests of Normality

kelompok	Kolmogorov -Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Presentase Gel	.191	10	.200*	.933	10	.482
Sel Spermatid Spray	.267	10	.042	.911	10	.291
Kontrol	.224	10	.168	.901	10	.227

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df 1	df 2	Sig.
Presentase	Based on Mean	.935	2	27	.405
Sel Spermatid	Based on Median	.993	2	27	.383
	Based on Median and with adjusted df	.993	2	25.059	.384
	Based on trimmed mean	.955	2	27	.397

Descriptives

Presentase Sel Spermatid

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Gel	10	29.1780	6.68198	2.11303	24.3980	33.9580	20.34	43.76
Spray	10	42.0120	4.92142	1.55629	38.4914	45.5326	34.83	52.19
Kontrol	10	35.9940	6.67982	2.11235	31.2155	40.7725	26.77	44.35
Total	30	35.7280	7.97847	1.45666	32.7488	38.7072	20.34	52.19

ANOVA

Presentase Sel Spermatid

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	824.619	2	412.310	10.899	.000
Within Groups	1021.403	27	37.830		
Total	1846.022	29			

Multiple Comparisons

Dependent Variable: Presentase Sel Spermatid

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Gel	Spray	-12.83400*	2.75063	.000	-19.6540	-6.0140
	Kontrol	-6.81600	2.75063	.050	-13.6360	.0040
Spray	Gel	12.83400*	2.75063	.000	6.0140	19.6540
	Kontrol	6.01800	2.75063	.091	-.8020	12.8380
Kontrol	Gel	6.81600	2.75063	.050	-.0040	13.6360
	Spray	-6.01800	2.75063	.091	-12.8380	.8020

*. The mean difference is significant at the .05 level.

Presentase Sel Spermatid

Tukey HSD^a

kelompok	N	Subset for alpha = .05	
		1	2
Gel	10	29.1780	
Kontrol	10	35.9940	35.9940
Spray	10		42.0120
Sig.		.050	.091

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Lampiran 6. SPSS Presentase Sel Sertoli dan Sel Leydig

Tests of Normality

kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Presentase Sel Sertoli						
Gel	.184	10	.200*	.949	10	.660
Spray	.169	10	.200*	.968	10	.875
Kontrol	.208	10	.200*	.889	10	.166

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Presentase Sel Sertoli	Based on Mean	12.257	2	27	.000
	Based on Median	9.587	2	27	.001
	Based on Median and with adjusted df	9.587	2	18.700	.001
	Based on trimmed mean	12.200	2	27	.000

Descriptives

Presentase Sel Sertoli

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Gel	10	42.0800	9.78489	3.09425	35.0803	49.0797	24.00	60.80
Spray	10	10.6600	2.42221	.76597	8.9273	12.3927	6.80	15.20
Kontrol	10	21.7000	14.81778	4.68579	11.1000	32.3000	6.00	46.80
Total	30	24.8133	16.58008	3.02710	18.6222	31.0044	6.00	60.80

ANOVA

Presentase Sel Sertoli

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5081.475	2	2540.737	23.732	.000
Within Groups	2890.600	27	107.059		
Total	7972.075	29			

Multiple Comparisons

Dependent Variable: Presentase Sel Sertoli

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Gel	Spray	31.42000*	4.62729	.000	19.9470	42.8930
	Kontrol	20.38000*	4.62729	.000	8.9070	31.8530
Spray	Gel	-31.42000*	4.62729	.000	-42.8930	-19.9470
	Kontrol	-11.04000	4.62729	.061	-22.5130	.4330
Kontrol	Gel	-20.38000*	4.62729	.000	-31.8530	-8.9070
	Spray	11.04000	4.62729	.061	-.4330	22.5130

*. The mean difference is significant at the .05 level.

Presentase Sel Sertoli

Tukey HSD^a

kelompok	N	Subset for alpha = .05	
		1	2
Spray	10	10.6600	
Kontrol	10	21.7000	
Gel	10		42.0800
Sig.		.061	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Tests of Normality

Kelompok		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Jumlah Leydig	Gel	,147	10	,200*	,929	10	,443
	Spray	,245	10	,090	,888	10	,162
	Kontrol	,217	10	,200*	,864	10	,086

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

a. Lilliefors Significance Correction

Descriptives

Jumlah Leydig

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Gel	10	5,8000	1,17000	,36998	4,9630	6,6370	4,40	7,60
Spray	10	3,9400	1,23666	,39107	3,0553	4,8247	2,40	6,80
Kontrol	10	4,3800	,73303	,23180	3,8556	4,9044	3,20	5,20
Total	30	4,7067	1,31068	,23930	4,2173	5,1961	2,40	7,60

Test of Homogeneity of Variances

Jumlah Leydig

Levene Statistic	df 1	df 2	Sig.
,668	2	27	,521

ANOVA

Jumlah Leydig

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	18,899	2	9,449	8,251	,002
Within Groups	30,920	27	1,145		
Total	49,819	29			

Multiple Comparisons

Dependent Variable: Jumlah Leydig

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Gel	Spray	1,86000*	,47858	,002	,6734	3,0466
	Kontrol	1,42000*	,47858	,017	,2334	2,6066
Spray	Gel	-1,86000*	,47858	,002	-3,0466	-,6734
	Kontrol	-,44000	,47858	,633	-1,6266	,7466
Kontrol	Gel	-1,42000*	,47858	,017	-2,6066	-,2334
	Spray	,44000	,47858	,633	-,7466	1,6266

*. The mean difference is significant at the .05 level.

Jumlah Leydig

Tukey HSD^a

Kelompok	N	Subset for alpha = .05	
		1	2
Spray	10	3,9400	
Kontrol	10	4,3800	
Gel	10		5,8000
Sig.		,633	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

Lampiran 7. SPSS Berat Organ Testis dan Berat Badan Tikus

Tests of Normality

kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Berat Testis kontrol	.168	10	.200*	.948	10	.644
gel	.167	10	.200*	.954	10	.718
spray	.206	10	.200*	.883	10	.142

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

a. Lilliefors Significance Correction

ANOVA

Berat Testis

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3.261	2	1.630	8.672	.001
Within Groups	5.076	27	.188		
Total	8.337	29			

Multiple Comparisons

Dependent Variable: Berat Testis

Tukey HSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol	gel	-.07300	.19391	.925	-.5538	.4078
	spray	-.73300*	.19391	.002	-1.2138	-.2522
gel	kontrol	.07300	.19391	.925	-.4078	.5538
	spray	-.66000*	.19391	.006	-1.1408	-.1792
spray	kontrol	.73300*	.19391	.002	.2522	1.2138
	gel	.66000*	.19391	.006	.1792	1.1408

*. The mean difference is significant at the .05 level.

Berat Testis

Tukey HSD^a

kelompok	N	Subset for alpha = .05	
		1	2
kontrol	10	1.5230	
gel	10	1.5960	
spray	10		2.2560
Sig.		.925	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Tests of Normality

kelompok	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
berat badan kontrol	.251	10	.075	.848	10	.054
gel	.174	10	.200*	.932	10	.468
spray	.279	10	.027	.844	10	.049

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

a. Lilliefors Significance Correction

Test of Homogeneity of Variance

		Levene Statistic	df 1	df 2	Sig.
berat badan	Based on Mean	.030	2	27	.971
	Based on Median	.102	2	27	.904
	Based on Median and with adjusted df	.102	2	20.951	.904
	Based on trimmed mean	.040	2	27	.961

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
berat badan	30	168.5267	33.25623	93.00	223.00
kelompok	30	2.0000	.83045	1.00	3.00

Ranks

kelompok	N	Mean Rank
berat badan kontrol	10	16.50
gel	10	8.65
spray	10	21.35
Total	30	

Test Statistics^{a,b}

	berat badan
Chi-Square	10.640
df	2
Asymp. Sig.	.005

- a. Kruskal Wallis Test
 b. Grouping Variable: kelompok

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
berat badan	30	168.5267	33.25623	93.00	223.00
kelompok	30	2.0000	.83045	1.00	3.00

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
berat badan	kontrol	10	13.25	132.50
	gel	10	7.75	77.50
	Total	20		

Test Statistics^b

	berat badan
Mann-Whitney U	22.500
Wilcoxon W	77.500
Z	-2.088
Asymp. Sig. (2-tailed)	.037
Exact Sig. [2*(1-tailed Sig.)]	.035 ^a

- a. Not corrected for ties.
 b. Grouping Variable: kelompok

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
berat badan	30	168.5267	33.25623	93.00	223.00
kelompok	30	2.0000	.83045	1.00	3.00

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
berat badan	kontrol	10	8.75	87.50
	spray	10	12.25	122.50
	Total	20		

Test Statistics^b

	berat badan
Mann-Whitney U	32.500
Wilcoxon W	87.500
Z	-1.325
Asy mp. Sig. (2-tailed)	.185
Exact Sig. [2*(1-tailed Sig.)]	.190 ^a

a. Not corrected for ties.

b. Grouping Variable: kelompok

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
berat badan	30	168.5267	33.25623	93.00	223.00
kelompok	30	2.0000	.83045	1.00	3.00

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
berat badan	gel	10	6.40	64.00
	spray	10	14.60	146.00
	Total	20		


Test Statistics^b

	berat badan
Mann-Whitney U	9.000
Wilcoxon W	64.000
Z	-3.104
Asy mp. Sig. (2-tailed)	.002
Exact Sig. [2*(1-tailed Sig.)]	.001 ^a

a. Not corrected for ties.

b. Grouping Variable: kelompok

Lampiran 8. Hasil Uji Kandungan Formalin Pewangi Ruangan



UNIVERSITAS GADJAH MADA
LABORATORIUM PENELITIAN DAN PENGUJIAN TERPADU

RPPS 10.01/LPPT
Rev. 1
Halaman 1 dari 1

LAPORAN HASIL UJI
No. Sertifikat : 00836/01/LPPT/VI/2014
No. Pengujian : 14050100836

Informasi Pelanggan

Nama : Rr. Yuningtyaswari, S.Si., M. Kes. Tanggal Penerimaan : 22 Mei 2014
Alamat : Fakultas Kedokteran UMY Tanggal Pengujian : 23 Mei 2014

Hasil Pengujian

1. Pewangi Ruangan (G1)

Parameter Uji	Hasil	Satuan	Metode
Formaldehide	0,33	ppm	Spektrofotometri UV-vis

2. Pewangi Ruangan (G2)


Parameter Uji	Hasil	Satuan	Metode
Formaldehide	0,41	ppm	Spektrofotometri UV-vis


3. Pewangi Ruangan (G3)

Parameter Uji	Hasil	Satuan	Metode
Formaldehide	0,28	ppm	Spektrofotometri UV-vis

4. Pewangi Ruangan (M)

Parameter Uji	Hasil	Satuan	Metode
Formaldehide	0,62	ppm	Spektrofotometri UV-vis

Yogyakarta, 3 Juni 2014
Manajer Teknik,

Dr. Abdul Rohman, M.Si., Apt.



LHU ini berlaku hanya pada sampel yang di ujikan
LHU ini dibuat semata-mata untuk pengujian jelang-jelang yang di butuhkan dalam LHU ini
LPPT tidak bertanggung jawab atas setiap kerugian, kerusakan atau tanggung jawab hukum yang timbul oleh pihak ketiga sebagai akibat dari kepercayaan terhadap atau
penggunaan laporan ini
Tidak diperkenankan menggandakan LHU ini tanpa izin dari LPPT UGM

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