

Lampiran 1



UNIVERSITAS MUHAMMADIYAH SURABAYA
FAKULTAS ILMU KESEHATAN

Program Studi : Keperawatan S1 dan D3 - Analis Kesehatan D3 - Kebidanan D3

Jln. Sutorejo No. 59 Surabaya 60113, Telp. (031) 3811966 - 3890175 Fax. (031) 3811967

Nomor : 070.38/II.3.AU/F/FIK/2017
Lampiran : -
Perihal : Permohonan ijin Penelitian

Kepada Yth.

Kepala Balai Besar Laboratorium Kesehatan (BBLK) Surabaya

Di Tempat

Assalamu'alaikum Wr. Wb.

Dalam rangka menyelesaikan tugas akhir berupa Karya Tulis Ilmiah (KTI), Mahasiswa Program Studi DIII Analis Kesehatan Fakultas Ilmu Kesehatan Universitas Muhammadiyah Surabaya tahun akademik 2016/2017, atas nama mahasiswa :

Nama **Alifatul Haqiqiyah**
NIM 20140662013
Judul Skripsi Pengaruh lama pengasapan ikan paru (*Decapterus Sp*) terhadap kadar protein.

Bermaksud untuk melakukan Penelitian selama 1 Minggu di Balai Besar Laboratorium Kesehatan (BBLK) Surabaya. Sehubungan dengan hal tersebut kami mohon dengan hormat agar Bapak / Ibu berkenan memberikan ijin penelitian yang dimaksud..

Demikian Permohonan ijin, atas perhatian dan kerjasama yang baik kami sampaikan terima kasih.

Wassalamu'alaikum Wr. Wb.

Surabaya, 13 April 2017
Dekan



Dr. Pipit Resti W. S.KM., M.Kes

Lampiran 2



KEMENTERIAN KESEHATAN RI

DIREKTORAT JENDERAL PELAYANAN KESEHATAN
BALAI BESAR LABORATORIUM KESEHATAN SURABAYA

Jalan Karangmenjangan No, 18 Surabaya - 60286
Telepon Pelayanan : (031) 5020306, TU : (031) 5021451; Faksimili : (031) 5020388
Website : bblksurabaya.com : Surat elektronik : bblksurabaya@yahoo.co.id

HASIL PENGUJIAN CONTOH BAHAN

Nomor Lab. : 1642-1665 / BHN / V / 2017
Dikirim Oleh : **ALIVATUL HAQIQIYAH**
Alamat : **D3 ANALIS KESEHATAN UNMUH SURABAYA**
Contoh diambil oleh : Yang bersangkutan
Jenis Bahan : Ikan Pari
Tanggal pengambilan Contoh : 30 Mei 2017
Tanggal diterima di BBLK : 30 Mei 2017

No.	KODE BAHAN	PROTEIN	SATUAN
1.	TP1	13,58	%
2.	TP2	13,26	%
3.	TP3	13,55	%
4.	TP4	13,61	%
5.	TP5	13,59	%
6.	TP6	13,89	%
7.	P1 1	11,63	%
8.	P1 2	12,66	%
9.	P1 3	12,63	%
10.	P1 4	12,41	%
11.	P1 5	12,92	%
12.	P1 6	12,92	%
13.	P2 1	10,95	%
14.	P2 2	11,34	%
15.	P2 3	11,28	%
16.	P2 4	11,63	%
17.	P2 5	11,15	%
18.	P2 6	10,92	%
19.	P3 1	10,35	%
20.	P3 2	10,75	%
21.	P3 3	10,05	%
22.	P3 4	10,45	%
23.	P3 5	10,19	%
24.	P3 6	9,82	%

Perhatian :

- Hasil pengujian ini hanya berlaku untuk contoh diatas
- Hasil ini tidak boleh dipergunakan untuk keperluan Iklan/Reklame
- Dilarang menggandakan dokumen ini tanpa seijin pihak BBLK Surabaya

12 Juni 2017
Manajer Mutu,

Dwi Endah Puspitasari, S.Si, Apt.
NIP 19730425 199903 2 001

Lampiran 3

ONEWAY hasil BY perlakuan

/STATISTICS DESCRIPTIVES HOMOGENEITY

/PLOT MEANS

/MISSING ANALYSIS

/POSTHOC=TUKEY ALPHA(0.05).

Oneway

Notes

Output Created		16-JUN-2017 12:06:43
Comments		
Input	Active Dataset	DataSet0
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	Split File	<none>
	N of Rows in Working Data File	25
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.

Syntax		ONEWAY hasil BY perlakuan /STATISTICS DESCRIPTIVES HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS /POSTHOC=TUKEY ALPHA(0.05).
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[DataSet0]

Descriptives

hasil

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
tanpa pengasapan	6	13.5800	.20020	.08173	13.3699	13.7901
1 jam	6	12.5283	.48073	.19626	12.0238	13.0328
2 jam	6	11.2117	.26589	.10855	10.9326	11.4907
3 jam	6	10.2683	.32449	.13247	9.9278	10.6089
Total	24	11.8971	1.32461	.27039	11.3377	12.4564

Descriptives

hasil

	Minimum	Maximum
tanpa pengasapan	13.26	13.89
1 jam	11.63	12.92
2 jam	10.92	11.63
3 jam	9.82	10.75
Total	9.82	13.89

Test of Homogeneity of Variances

hasil

Levene Statistic	df1	df2	Sig.
1.216	3	20	.330

ANOVA

hasil

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	38.120	3	12.707	113.663	.000
Within Groups	2.236	20	.112		

Total	40.356	23		
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Post Hoc Tests

Multiple Comparisons

Dependent Variable: hasil

Tukey HSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval
					Lower Bound
tanpa pengasapan	1 jam	1.05167 [*]	.19304	.000	.5114
	2 jam	2.36833 [*]	.19304	.000	1.8280
	3 jam	3.31167 [*]	.19304	.000	2.7714
1 jam	tanpa pengasapan	-1.05167 [*]	.19304	.000	-1.5920
	2 jam	1.31667 [*]	.19304	.000	.7764
	3 jam	2.26000 [*]	.19304	.000	1.7197
2 jam	tanpa pengasapan	-2.36833 [*]	.19304	.000	-2.9086
	1 jam	-1.31667 [*]	.19304	.000	-1.8570
	3 jam	.94333 [*]	.19304	.000	.4030
3 jam	tanpa pengasapan	-3.31167 [*]	.19304	.000	-3.8520
	1 jam	-2.26000 [*]	.19304	.000	-2.8003

2 jam	-0.94333*	.19304	.000	-1.4836
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Multiple Comparisons

Dependent Variable: hasil

Tukey HSD

(I) perlakuan	(J) perlakuan	95% Confidence Interval
		Upper Bound
tanpa pengasapan	1 jam	1.5920*
	2 jam	2.9086*
	3 jam	3.8520*
1 jam	tanpa pengasapan	-.5114*
	2 jam	1.8570*
	3 jam	2.8003*
2 jam	tanpa pengasapan	-1.8280*
	1 jam	-.7764*
	3 jam	1.4836*
3 jam	tanpa pengasapan	-2.7714*
	1 jam	-1.7197*
	2 jam	-.4030*

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

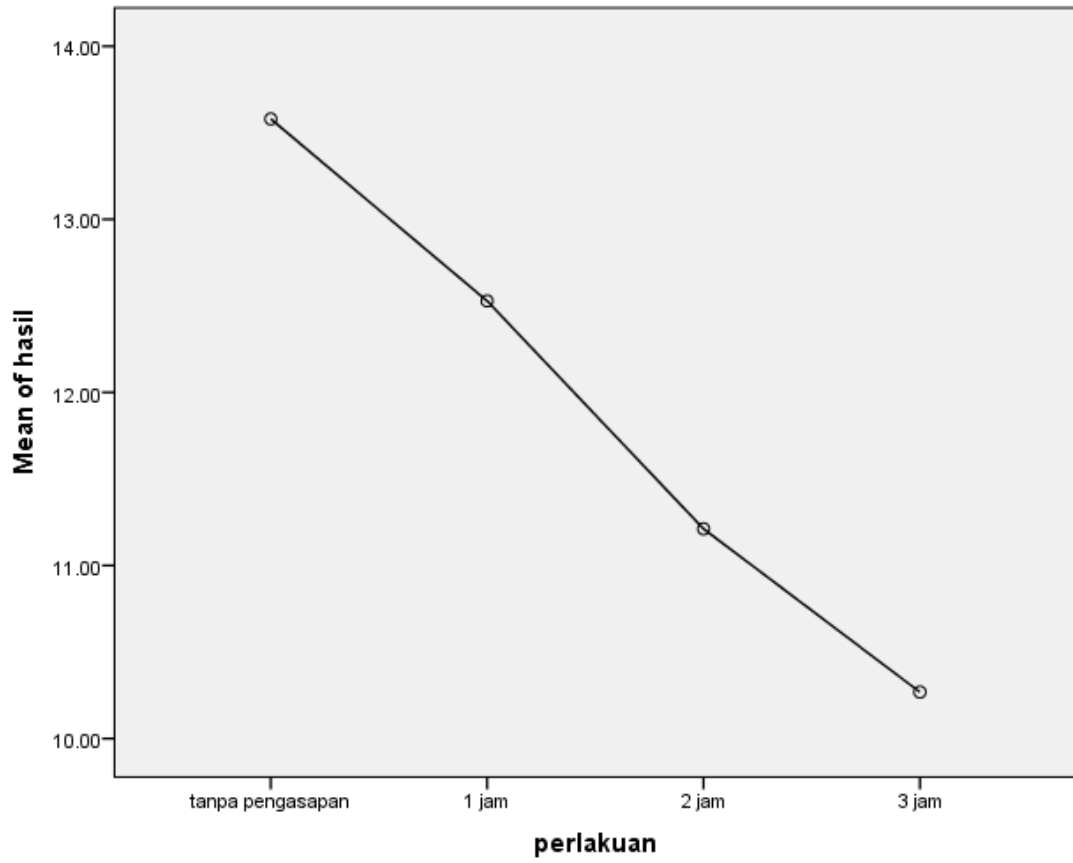
hasil

Tukey HSD^a

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
3 jam	6	10.2683			
2 jam	6		11.2117		
1 jam	6			12.5283	
tanpa pengasapan	6				13.5800
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.



NPAR TESTS

/K-S(NORMAL)=hasil

/MISSING ANALYSIS.

NPar Tests

Notes

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Comments	

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Missing Value Handling	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.	
		NPAR TESTS	
Syntax		/K-S(NORMAL)=hasil	
		/MISSING ANALYSIS.	
	Processor Time		00:00:00.00
Resources	Elapsed Time		00:00:00.00
	Number of Cases Allowed ^a		196608

a. Based on availability of workspace memory.

[DataSet0]

One-Sample Kolmogorov-Smirnov Test

	hasil
N	24

Normal Parameters ^{a,b}	Mean	11.8971
	Std. Deviation	1.32461
Most Extreme Differences	Absolute	.127
	Positive	.122
	Negative	-.127
Kolmogorov-Smirnov Z		.620
Asymp. Sig. (2-tailed)		.836

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 4

Gambar 1. Persiapan sampel



Gambar 2. Pengasapan ikan



Lampiran 5



AKADEMI ANALIS KESEHATAN
UNIVERSITAS MUHAMMADIYAH SURABAYA
JL. Sutorejo No. 59 Surabaya Telp. 031-3890175

KARTU BIMBINGAN KTI

NAMA : Alivatul Haqiqiyah
 NIM / NPM : 20190662013
 JUDUL KTI : Pengaruh Lama Pengasapan Tikan Puri (dasyatis sp.) Terhadap Kadar Protein.

DOSEN PEMBIMBING : 1. Ir. Nastih Kariforini M.Ker
 2. Siti Mardiyah, S.Si, M. kes



No	Tgl/Bln/Thn	MATERI BIMBINGAN	PARAF		
			Mhs	Pembimbing	
				I	II
1	01/02/17	Acc judul	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	15/01/17	Acc Maknks	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	22/2/17	Revisi Bab I.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	10/3/17	Acc Bab I	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	27/4/17	Revisi bab III	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	27/4/17	Acc Bab III	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	6/5/17	Revisi Bab III	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	7/5/17	Revisi Bab III	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	9/5/17	Acc bab II, III	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	16/6/17	Revisi Bab IV, V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	19/6/17	Acc Bab IV dan V	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	7/7/17	Revisi semua	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	10/7/17	Acc semua.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Ketua Program Study
[Signature]

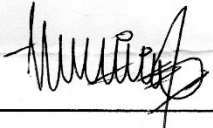

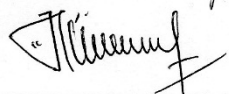
Fitrotin Azizah, S.ST., M.Si

Lampiran 6

PANITIA UJIAN AKHIR PROGRAM (UAP)
PRODI D-III ANALIS KESEHATAN
FAKULTAS ILMU KESEHATAN UMSURABAYA
Jl. Sutorejo 59 Tlp. (031) 3890175

LEMBAR PENGESAHAN HASIL REVISI

NAMA : Alivatul Haq, iqiyah
NIM : 20140662013
JUDUL KTI :
TANGGAL SIDANG : 21 Juli 2017

PENGUJI	NAMA PENGUJI	TANDA TANGAN
I	Nastiti Kartikorini S. ST, M. Kes	
II	Siti Mardiyah, S. Si, M. Kes	
III	Suyatno Hadi Saputro S. Kep., Ns, M. Ked. Trop	

Surabaya,
KaProdi



Fitrotin Azizah S.ST.,M.Si

Lampiran 7



UNIVERSITAS MUHAMMADIYAH SURABAYA
PUSAT BAHASA

Jl. Sutorejo 59 Surabaya 60113 Telp. 031-3811966, 3811967 Ext (130) Gd. A Lt 2

Email: pusba.umsby@gmail.com

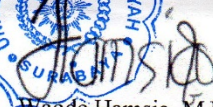
ENDORSEMENT LETTER

490/PB-UMS/EL/VIII/2017

This letter is to certify that the abstract of the thesis below

Title : The Analysis of Protein Content of Stingray (*Dasyatis Sp.*) Based on the Duration of Time in Fogging, 1 Hours, 2 Hours and 3 Hours
Student's name : Alivatul Haqiqiyah
Reg. Number : 20140662013
Department : D3 Analis Kesehatan

has been endorsed by Pusat Bahasa *UMSurabaya* for further approval by the examining committee of the faculty.

Surabaya, 31 August 2017
Chair

Waode Hamsia, M.Pd.

