

## 7. LAMPIRAN

### Lampiran 1. Output Uji Normalitas

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	perlakuan	Statistic	df	Sig.	Statistic	df	Sig.
DPPH	Rebus 10 menit	.230	6	.200*	.885	6	.293
	Rebus 15 menit	.214	6	.200*	.963	6	.841
	Rebus 20 menit	.226	6	.200*	.931	6	.588
	Seduh 10 menit	.238	6	.200*	.895	6	.348
	Seduh 15 menit	.229	6	.200*	.927	6	.557
	Seduh 20 menit	.157	6	.200*	.976	6	.932
FRAP	Rebus 10 menit	.183	6	.200*	.945	6	.698
	Rebus 15 menit	.192	6	.200*	.922	6	.520
	Rebus 20 menit	.270	6	.195	.824	6	.095
	Seduh 10 menit	.250	6	.200*	.880	6	.271
	Seduh 15 menit	.333	6	.036	.731	6	.013
	Seduh 20 menit	.222	6	.200*	.927	6	.561
Fosfomolibdat	Rebus 10 menit	.257	6	.200*	.901	6	.382
	Rebus 15 menit	.207	6	.200*	.919	6	.495
	Rebus 20 menit	.189	6	.200*	.924	6	.537
	Seduh 10 menit	.286	6	.136	.864	6	.203
	Seduh 15 menit	.376	6	.008	.641	6	.001
	Seduh 20 menit	.181	6	.200*	.910	6	.438
Fenol	Rebus 10 menit	.194	6	.200*	.980	6	.954
	Rebus 15 menit	.190	6	.200*	.980	6	.953
	Rebus 20 menit	.184	6	.200*	.913	6	.458
	Seduh 10 menit	.184	6	.200*	.975	6	.925
	Seduh 15 menit	.162	6	.200*	.978	6	.939
	Seduh 20 menit	.169	6	.200*	.960	6	.818

L	Rebus 10 menit	.180	6	.200*	.961	6	.829
	Rebus 15 menit	.472	6	.000	.551	6	.000
	Rebus 20 menit	.172	6	.200*	.957	6	.798
	Seduh 10 menit	.158	6	.200*	.964	6	.847
	Seduh 15 menit	.263	6	.200*	.823	6	.093
	Seduh 20 menit	.209	6	.200*	.907	6	.415
warna_a	Rebus 10 menit	.175	6	.200*	.975	6	.926
	Rebus 15 menit	.249	6	.200*	.858	6	.182
	Rebus 20 menit	.283	6	.143	.921	6	.514
	Seduh 10 menit	.167	6	.200*	.982	6	.960
	Seduh 15 menit	.223	6	.200*	.908	6	.421
	Seduh 20 menit	.237	6	.200*	.927	6	.554
warna_b	Rebus 10 menit	.159	6	.200*	.958	6	.801
	Rebus 15 menit	.319	6	.056	.719	6	.010
	Rebus 20 menit	.319	6	.056	.683	6	.004
	Seduh 10 menit	.248	6	.200*	.886	6	.295
	Seduh 15 menit	.340	6	.029	.726	6	.012
	Seduh 20 menit	.254	6	.200*	.866	6	.212

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

a. Lilliefors Significance Correction

## Lampiran 2. Output Uji Homogenitas

### Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
DPPH	Based on Mean	1.533	5	30	.209
	Based on Median	1.528	5	30	.211
	Based on Median and with adjusted df	1.528	5	17.457	.232
	Based on trimmed mean	1.544	5	30	.206

FRAP	Based on Mean	2.263	5	30	.074
	Based on Median	1.424	5	30	.244
	Based on Median and with adjusted df	1.424	5	22.217	.254
	Based on trimmed mean	2.163	5	30	.085
Fosfomoli bdat	Based on Mean	1.179	5	30	.343
	Based on Median	.270	5	30	.926
	Based on Median and with adjusted df	.270	5	9.283	.918
	Based on trimmed mean	.779	5	30	.573
Fenol	Based on Mean	.736	5	30	.602
	Based on Median	.626	5	30	.681
	Based on Median and with adjusted df	.626	5	20.985	.682
	Based on trimmed mean	.737	5	30	.601
L	Based on Mean	4.869	5	30	.002
	Based on Median	3.519	5	30	.013
	Based on Median and with adjusted df	3.519	5	11.225	.037
	Based on trimmed mean	4.572	5	30	.003
warna_a	Based on Mean	1.881	5	30	.127
	Based on Median	.980	5	30	.446
	Based on Median and with adjusted df	.980	5	17.749	.457
	Based on trimmed mean	1.671	5	30	.172
warna_b	Based on Mean	2.504	5	30	.052
	Based on Median	.972	5	30	.451
	Based on Median and with adjusted df	.972	5	16.457	.463
	Based on trimmed mean	2.138	5	30	.088

### Lampiran 3. Output Uji ANOVA One-Way

#### ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
DPPH	Between Groups	761.018	5	152.204	4282.398	.000
	Within Groups	1.066	30	.036		
	Total	762.084	35			
FRAP	Between Groups	2553.831	5	510.766	20519.568	.000
	Within Groups	.747	30	.025		
	Total	2554.578	35			
Fosfomolibdat	Between Groups	2401.096	5	480.219	18523.800	.000
	Within Groups	.778	30	.026		
	Total	2401.874	35			
Fenol	Between Groups	32878.801	5	6575.760	72490.344	.000
	Within Groups	2.721	30	.091		
	Total	32881.522	35			
L	Between Groups	.870	5	.174	34.235	.000
	Within Groups	.152	30	.005		
	Total	1.022	35			
warna_a	Between Groups	.616	5	.123	289.426	.000
	Within Groups	.013	30	.000		
	Total	.629	35			
warna_b	Between Groups	.806	5	.161	199.026	.000
	Within Groups	.024	30	.001		
	Total	.830	35			

## Lampiran 4. Output Uji Duncan

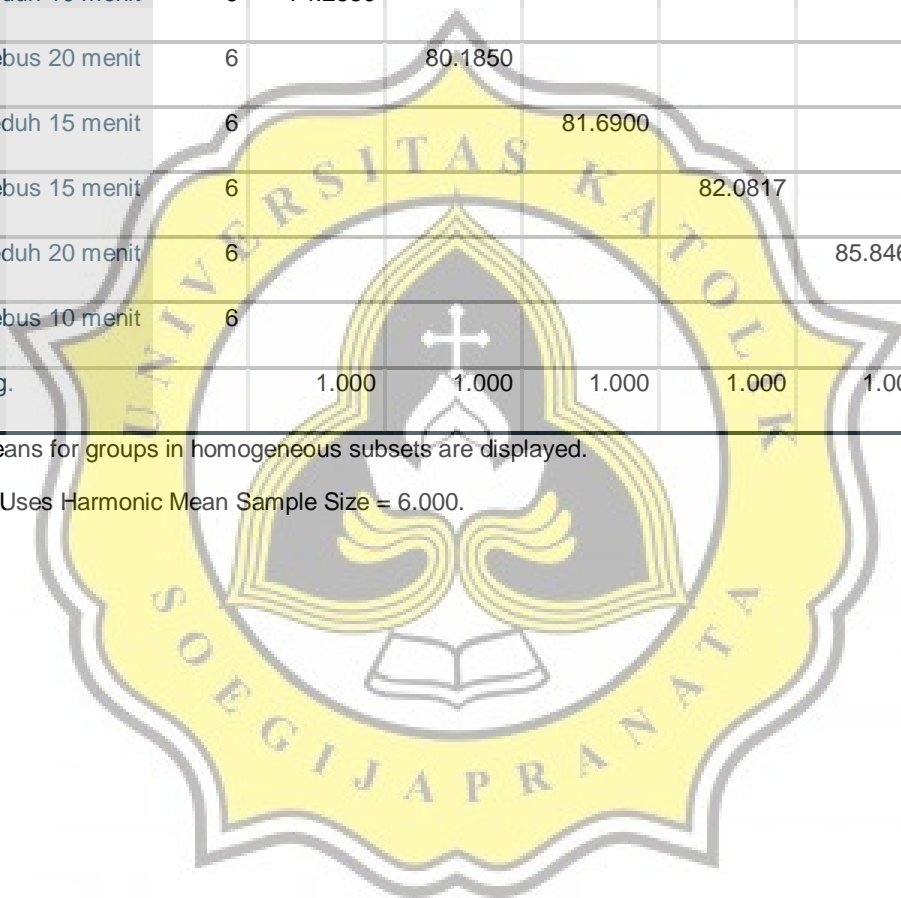
### DPPH

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
Seduh 10 menit	6	74.2850					
Rebus 20 menit	6		80.1850				
Seduh 15 menit	6			81.6900			
Rebus 15 menit	6				82.0817		
Seduh 20 menit	6					85.8467	
Rebus 10 menit	6						89.0233
Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.



## FRAP

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
Rebus 20 menit	6	49.4517					
Rebus 15 menit	6		56.1533				
Seduh 10 menit	6			63.5833			
Seduh 15 menit	6				66.0600		
Seduh 20 menit	6					71.0600	
Rebus 10 menit	6						74.0200
Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
Rebus 20 menit	6	64.3250					
Seduh 10 menit	6		64.9067				
Rebus 15 menit	6			74.5850			
Seduh 15 menit	6				81.1083		
Seduh 20 menit	6					82.9467	
Rebus 10 menit	6						84.1883
Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

## Fenol

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
Rebus 20 menit	6	179.0600					
Seduh 10 menit	6		180.6100				
Rebus 15 menit	6			211.0150			
Seduh 15 menit	6				223.2333		
Seduh 20 menit	6					236.5900	
Rebus 10 menit	6						264.5983
Sig.		1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Seduh 20 menit	6	97.0233		
Seduh 10 menit	6		97.2183	
Rebus 10 menit	6		97.2850	
Rebus 15 menit	6			97.4333
Seduh 15 menit	6			97.4367
Rebus 20 menit	6			97.4600
Sig.		1.000	.116	.547

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

## warna\_b

Duncan<sup>a</sup>

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
Rebus 20 menit	6	1.8050				
Rebus 10 menit	6		1.9083			
Seduh 10 menit	6		1.9083			
Seduh 15 menit	6			2.0050		
Rebus 15 menit	6				2.1050	
Seduh 20 menit	6					2.2617
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

## Lampiran 5. Output Uji Korelasi

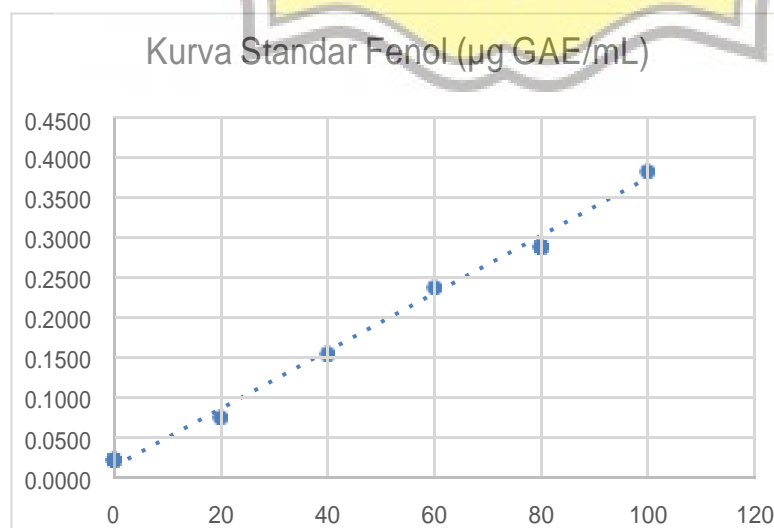
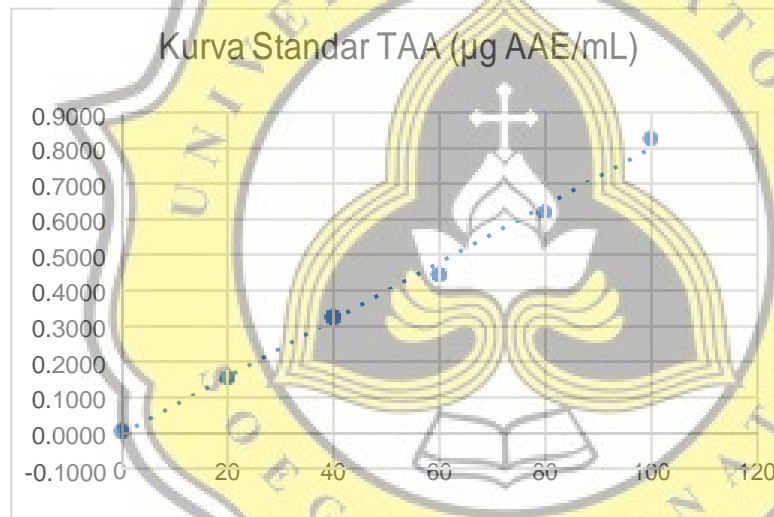
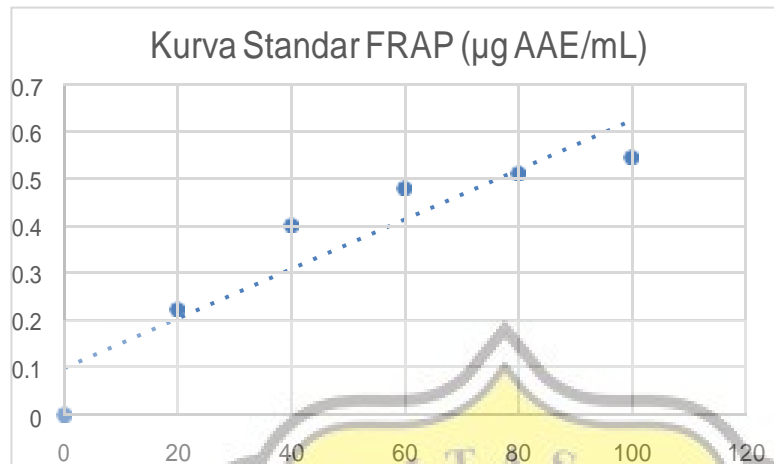
		DPPH	FRAP	Fosfomolibdat	Fenol	warna_a	L	warna_b
DPPH	Pearson Correlation	1	.544**	.843**	.909**	-.398*	-.185	.341*
	Sig. (2-tailed)		.001	.000	.000	.016	.279	.042
	N	36	36	36	36	36	36	36
FRAP	Pearson Correlation	.544**	1	.787**	.810**	-.404*	-.605**	.390*
	Sig. (2-tailed)	.001		.000	.000	.015	.000	.019
	N	36	36	36	36	36	36	36



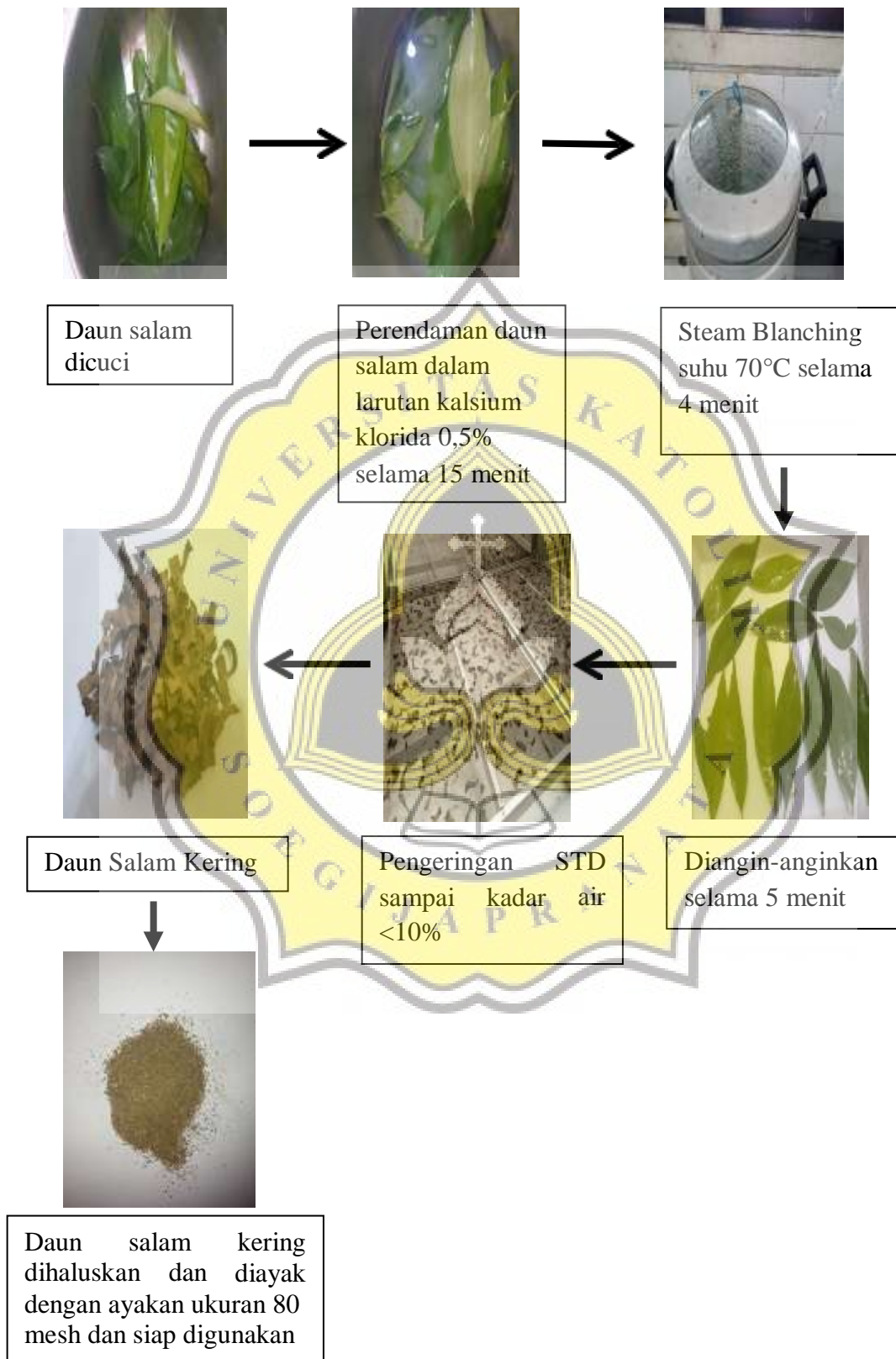
Fosfomolibdat	Pearson Correlation	.843**	.787**	1	.951**	-.606**	-.299	.570**
	Sig. (2-tailed)	.000	.000		.000	.000	.077	.000
	N	36	36	36	36	36	36	36
Fenol	Pearson Correlation	.909**	.810**	.951**	1	-.399*	-.298	.396*
	Sig. (2-tailed)	.000	.000	.000		.016	.077	.017
	N	36	36	36	36	36	36	36
warna_a	Pearson Correlation	-.398*	-.404*	-.606**	-.399*	1	.490**	-.886**
	Sig. (2-tailed)	.016	.015	.000	.016		.002	.000
	N	36	36	36	36	36	36	36
L	Pearson Correlation	-.185	-.605**	-.299	-.298	.490**	1	-.538**
	Sig. (2-tailed)	.279	.000	.077	.077	.002		.001
	N	36	36	36	36	36	36	36
warna_b	Pearson Correlation	.341*	.390*	.570**	.396*	-.886**	-.538**	1
	Sig. (2-tailed)	.042	.019	.000	.017	.000	.001	
	N	36	36	36	36	36	36	36

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

**Lampiran 6. Kurva Standar**

### Lampiran 7. Dokumentasi Proses Pengeringan Daun Salam



### Lampiran 8. Dokumentasi Uji Intensitas Warna Minuman Herbal Daun Salam

Perlakuan		Foto	Warna
Metode Ekstraksi	Waktu		
Rebus	10		Hijau kekuningan
	15		Hijau kekuningan
	20		Hijau kekuningan
Seduh	10		Coklat kekuningan
	15		Coklat kekuningan
	20		Coklat kekuningan


**7.72%**

 PLAGIARISM  
APPROXIMATEL

## Report #11292378

PENDAHULUAN  
 Indonesia memiliki berbagai jenis tanaman herbal tetapi hanya beberapa jenis tanaman herbal yang telah diketahui khasiatnya untuk kesehatan. Tanaman herbal umumnya digunakan untuk menjaga kesehatan dan mengurangi risiko terkena berbagai macam penyakit. Manfaat tanaman herbal di Indonesia biasanya hanya berdasarkan pengalaman empiris atau diwariskan secara turun temurun oleh nenek moyang tanpa disertai data penunjang yang memenuhi persyaratan. Salah satu jenis tanaman herbal yang sudah terkenal memiliki manfaat untuk kesehatan adalah tanaman salam. Salam (*Syzygium polyanthum*) adalah salah satu tanaman herba kelompok Myrtaceae yang telah terbukti mempunyai aktivitas antioksidan baik dalam bentuk ekstrak (Har & Ismail, 2012) maupun bentuk seduhan (Kuski dan Ciasambu, 2018). Hal ini disebabkan karena daun salam banyak memiliki senyawa metabolit sekunder yaitu minyak atsiri, alkaloid, fenolik, flavonoid, tanin, saponin, terpenoid dan steroid (Habibi et al., 2018). Tanaman herbal yang mengandung flavonoid memiliki aktivitas antioksidan, antibakteri, antialergi, antivirus dan antikanker (Amic et al, 2003). Studi sebelumnya juga telah membuktikan aktivitas antioksidan ekstrak daun salam pada berbagai metode uji, seperti kemampuan menangkap radikal bebas DPPH dan mereduksi