7. LAMPIRAN

Lampiran 1. Analisis SPSS Karakteristik Fisik Bumbu Penyedap Blok *Spirulina* dengan Berbagai Tingkatan Konsentrasi Maltodekstrin.

- **Uji Normalitas Data**

Tests of Normality

	Konsentrasi Maltodekstrin	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar_Air	Kontrol	.293	6	.118	.906	6	.410
	Malto 10%	.123	6	.200*	.992	6	.993
	Malto 15%	.289	6	.129	.905	6	.407
	Malto 20%	.205	6	.200*	.950	6	.738
	Malto 25%	.261	6	.200*	.884	6	.288
Higroskopisitas	Kontrol	.176	6	.200*	.947	6	.714
	Malto 10%	.168	6	.200*	.960	6	.823
	Malto 15%	.199	6	.200*	.914	6	.460
	Malto 20%	.185	6	.200*	.965	6	.857
	Malto 25%	.207	6	.200*	.879	6	.263
Kelarutan	Kontrol	.133	6	.200*	.972	6	.904
	Malto 10%	.186	6	.200*	.931	6	.587
	Malto 15%	.292	6	.121	.887	6	.303
	Malto 20%	.162	6	.200*	.943	6	.680
	Malto 25%	.142	6	.200*	.966	6	.866

a. Lilliefors Significance Correction

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

- **Uji Homogenitas Data**

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Kadar_Air	.756	4	25	.564
Higroskopisitas	2.260	4	25	.091
Kelarutan	1.382	4	25	.269

- **Uji ANOVA**

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Kadar_Air	Between Groups	6.269	4	1.567	35.836	.000
	Within Groups	1.093	25	.044		
	Total	7.362	29			
Higroskopisitas	Between Groups	332.694	4	83.173	10.118	.000
	Within Groups	205.513	25	8.221		
	Total	538.207	29			
Kelarutan	Between Groups	119.417	4	29.854	28.868	.000
	Within Groups	25.854	25	1.034		
	Total	145.270	29			

- **Uji Duncan**

Kadar_Air

Duncan

Konsentrasi_Maltode...	N	Subset for alpha = 0.05		
		1	2	3
Malto 25%	6	2.6293		
Malto 20%	6		3.2246	
Malto 15%	6		3.3124	
Malto 10%	6		3.3328	
Kontrol	6			4.0674
Sig.		1.000	.406	1.000

Means for groups in homogeneous subsets are displayed.

Higroskopisitas

Duncan

Konsentrasi_Maltode...	N	Subset for alpha = 0.05		
		1	2	3
Malto 25%	6	21.4649		
Malto 20%	6	21.9332		
Malto 15%	6	24.2718	24.2718	
Malto 10%	6		26.6388	
Kontrol	6			30.5079
Sig.		.121	.165	1.000

Means for groups in homogeneous subsets are displayed.

Kelarutan

Duncan

Konsentrasi_Maltode...	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol	6	90.8072			
Malto 10%	6		92.6611		
Malto 15%	6		93.1309		
Malto 20%	6			94.8148	
Malto 25%	6				96.6867
Sig.		1.000	.431	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Lampiran 2. Analisis SPSS Karakteristik Kimia Bumbu Penyedap Blok *Spirulina* dengan Berbagai Tingkatan Konsentrasi Maltodekstrin.

- **Uji ANOVA**

ANOVA

Kadar_Glutamat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.018	4	.005	9.391	.015
Within Groups	.002	5	.000		
Total	.021	9			

- **Uji Duncan**

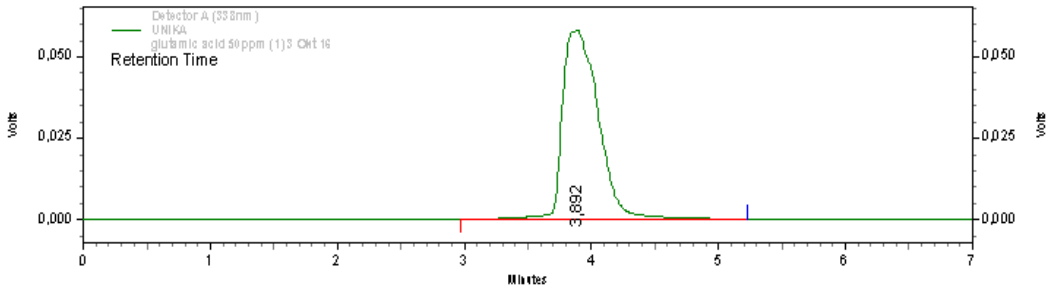
Kadar_Glutamat

Duncan

Konsentrasi	N	Subset for alpha = 0.05	
		1	2
Kontrol	2	.0886	
Malto 10%	2	.1087	
Malto 15%	2		.1775
Malto 20%	2		.1791
Malto 25%	2		.1954
Sig.		.404	.463

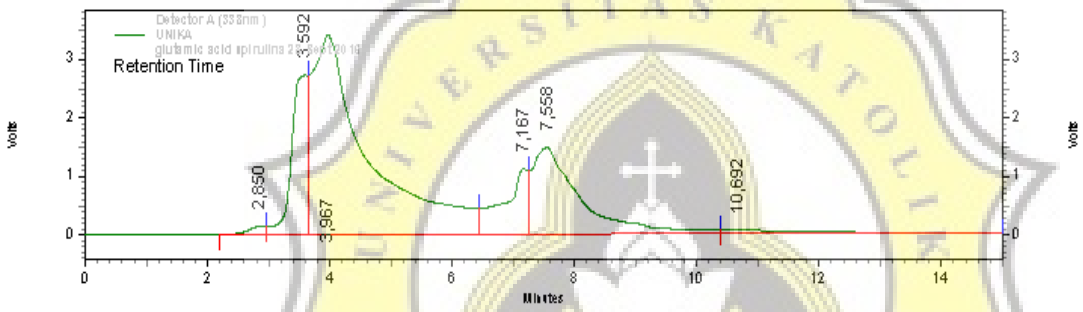
Means for groups in homogeneous subsets are displayed.

Lampiran 3. Kromatogram Asam Glutamat Standar (50 ppm)



Keterangan:
*Waktu retensi dan luas area kromatogram yang diperoleh digunakan sebagai basis perhitungan kadar asam glutamat *Spirulina dried powder*.

Lampiran 4. Kromatogram pada *Spirulina dried powder*



Keterangan:
*Waktu retensi dari asam glutamat pada *Spirulina dried powder* muncul pada menit ke-3,967.