

$$\text{DZH } 20\% = \frac{(12,3 \text{ mm} - 6 \text{ mm}) + (12,6 \text{ mm} - 6 \text{ mm})}{2} = 6,45 \text{ mm}$$

$$\text{DZH } 30\% = \frac{(13,2 \text{ mm} - 6 \text{ mm}) + (12,9 \text{ mm} - 6 \text{ mm})}{2} = 7,05 \text{ mm}$$

$$\text{DZH } 40\% = \frac{(15,9 \text{ mm} - 6 \text{ mm}) + (15,7 \text{ mm} - 6 \text{ mm})}{2} = 9,8 \text{ mm}$$

-Pengulangan 5

$$\text{DZH } 10\% = \frac{(9,9 \text{ mm} - 6 \text{ mm}) + (9,3 \text{ mm} - 6 \text{ mm})}{2} = 3,6 \text{ mm}$$

$$\text{DZH } 20\% = \frac{(11,3 \text{ mm} - 6 \text{ mm}) + (11,7 \text{ mm} - 6 \text{ mm})}{2} = 5,5 \text{ mm}$$

$$\text{DZH } 30\% = \frac{(13 \text{ mm} - 6 \text{ mm}) + (13 \text{ mm} - 6 \text{ mm})}{2} = 7 \text{ mm}$$

$$\text{DZH } 40\% = \frac{(15,6 \text{ mm} - 6 \text{ mm}) + (16,3 \text{ mm} - 6 \text{ mm})}{2} = 9,95 \text{ mm}$$

Kontrol Positif

$$\text{DZH } 1 = \frac{(23,8 \text{ mm} - 6 \text{ mm}) + (22,3 \text{ mm} - 6 \text{ mm})}{2} = 17,05 \text{ mm}$$

$$\text{DZH } 2 = \frac{(24,6 \text{ mm} - 6 \text{ mm}) + (22,9 \text{ mm} - 6 \text{ mm})}{2} = 17,75 \text{ mm}$$

$$\text{DZH } 3 = \frac{(24,9 \text{ mm} - 6 \text{ mm}) + (23,8 \text{ mm} - 6 \text{ mm})}{2} = 18,35 \text{ mm}$$

$$\text{DZH } 4 = \frac{(23,7 \text{ mm} - 6 \text{ mm}) + (23,1 \text{ mm} - 6 \text{ mm})}{2} = 17,4 \text{ mm}$$

$$\text{DZH } 4 = \frac{(24,1 \text{ mm} - 6 \text{ mm}) + (23,4 \text{ mm} - 6 \text{ mm})}{2} = 17,75 \text{ mm}$$

Kontrol Negatif

$$\text{U1} = \frac{(0 \text{ mm} - 6 \text{ mm}) + (0 \text{ mm} - 6 \text{ mm})}{2} = 0 \text{ mm}$$

$$\text{U2} = \frac{(0 \text{ mm} - 6 \text{ mm}) + (0 \text{ mm} - 6 \text{ mm})}{2} = 0 \text{ mm}$$

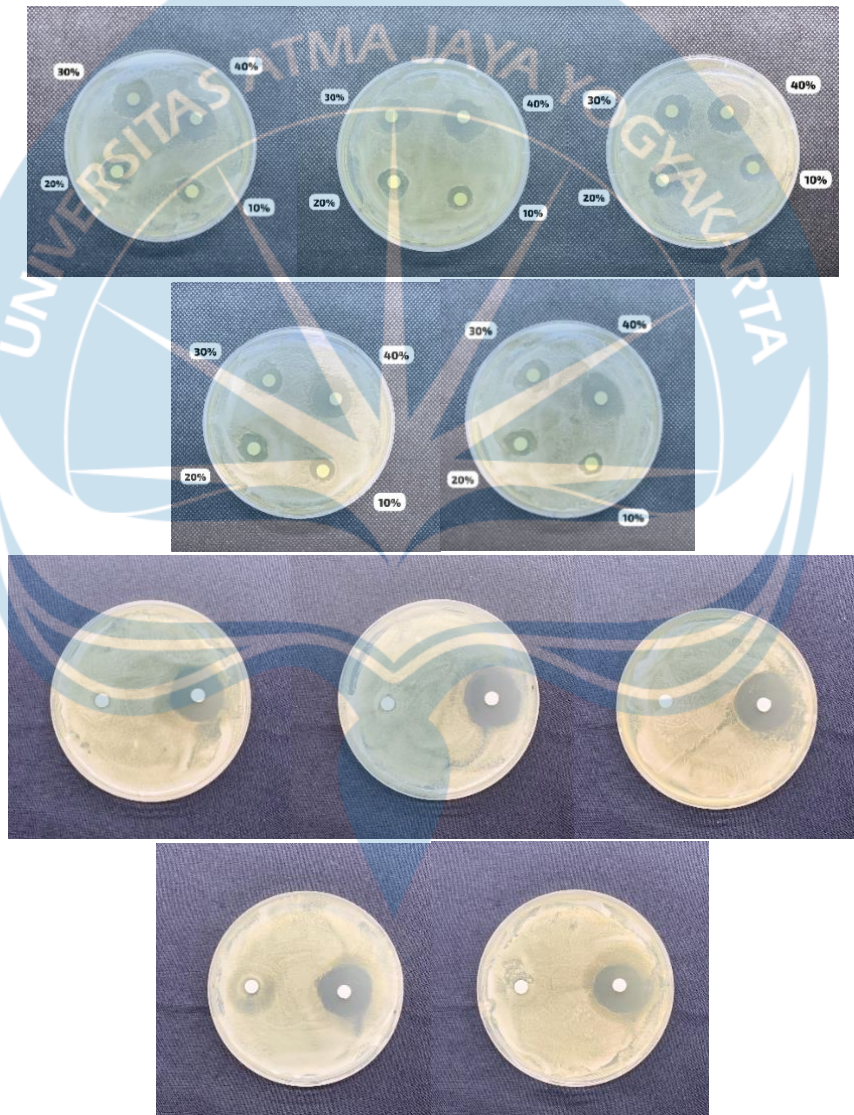
$$\text{U3} = \frac{(0 \text{ mm} - 6 \text{ mm}) + (0 \text{ mm} - 6 \text{ mm})}{2} = 0 \text{ mm}$$

$$\text{U4} = \frac{(0 \text{ mm} - 6 \text{ mm}) + (0 \text{ mm} - 6 \text{ mm})}{2} = 0 \text{ mm}$$

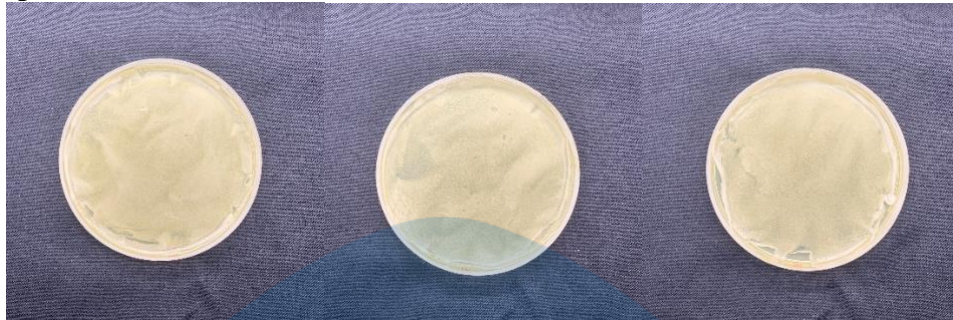
$$\text{U5} = \frac{(0 \text{ mm} - 6 \text{ mm}) + (0 \text{ mm} - 6 \text{ mm})}{2} = 0 \text{ mm}$$

Rata-rata Pengulangan

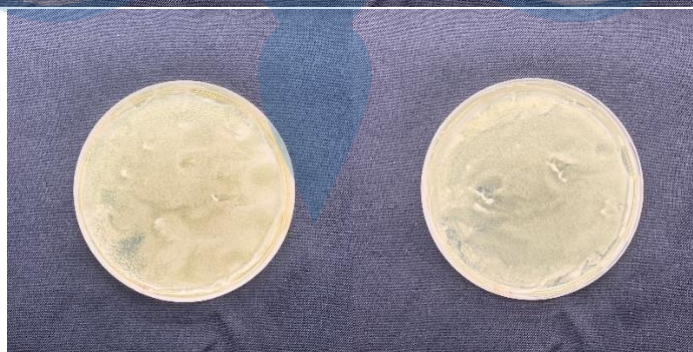
Konsentrasi	Rata-rata	Keterangan
10%	4,99 mm	Lemah
20%	6,57 mm	Sedang
30%	8,66 mm	Sedang
40%	11,2 mm	Kuat
K+	17,66 mm	Kuat
K-	0 mm	Tidak ada



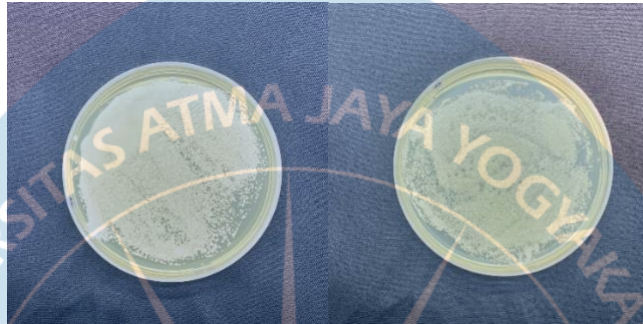
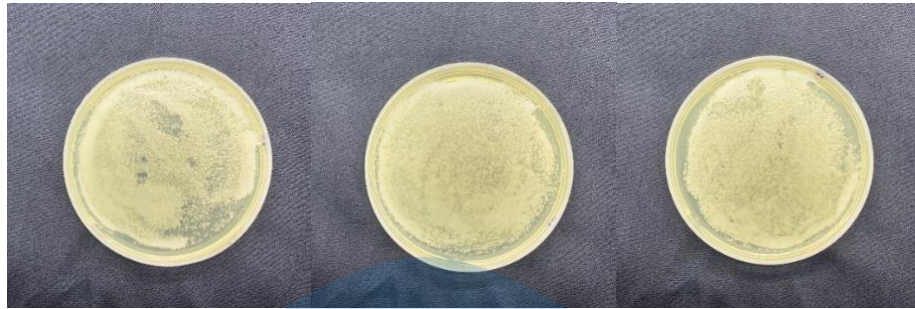
Gambar 36. Zona Hambat Ekstrak Kulit Markisa Kuning

Lampiran 6. Konsentrasi Hambat Minimum

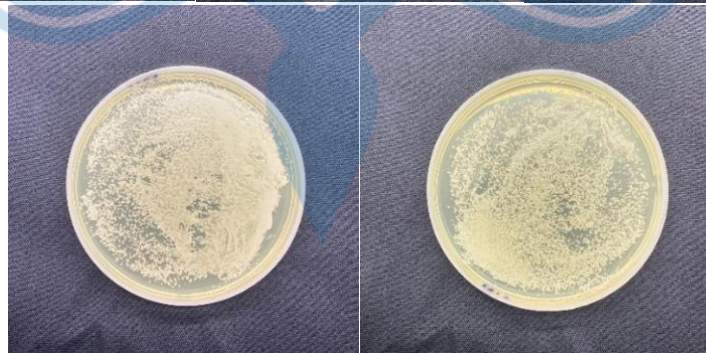
Gambar 37. KHM Ekstrak Kulit Markisa Kuning Konsentrasi 10%



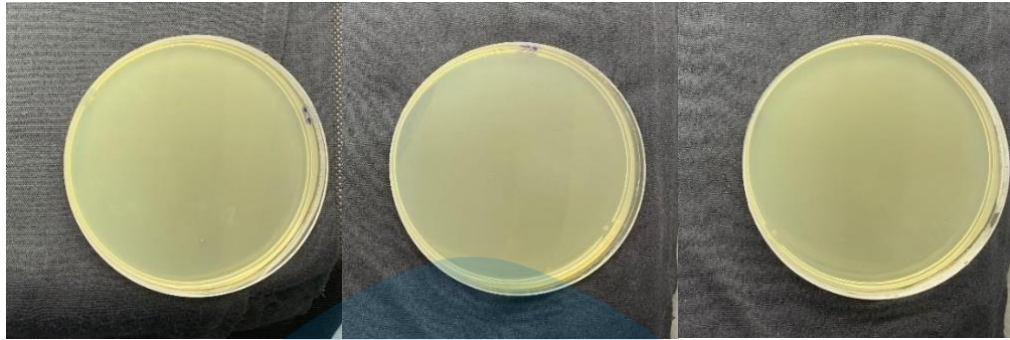
Gambar 38. KHM Ekstrak Kulit Markisa Kuning Konsentrasi 12,5%.



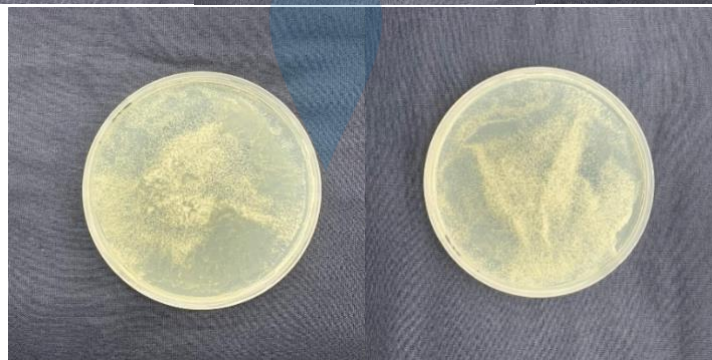
Gambar 39. KHM Ekstrak Kulit Markisa Kuning Konsentrasi 15%.



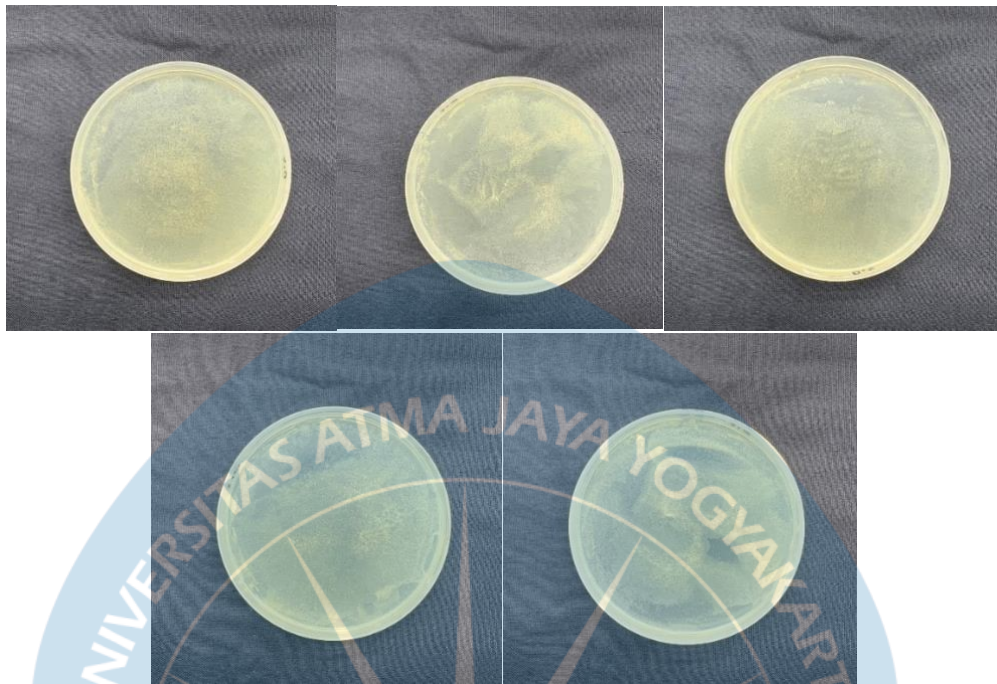
Gambar 40. KHM Ekstrak Kulit Markisa Kuning Konsentrasi 17,5%.



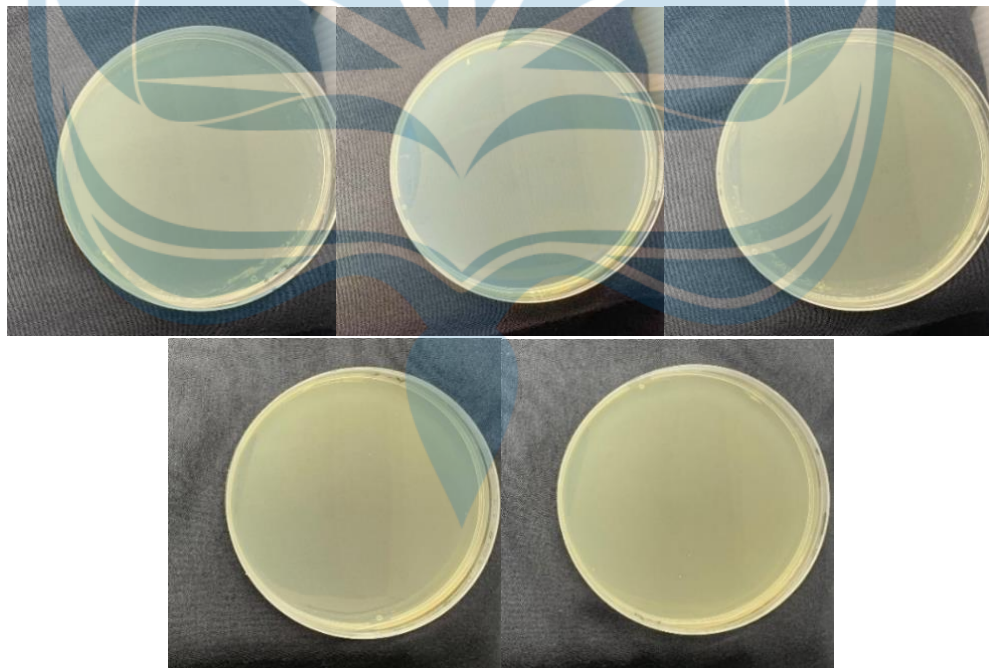
Gambar 41. KHM Ekstrak Kulit Markisa Kuning Konsentrasi 20%.



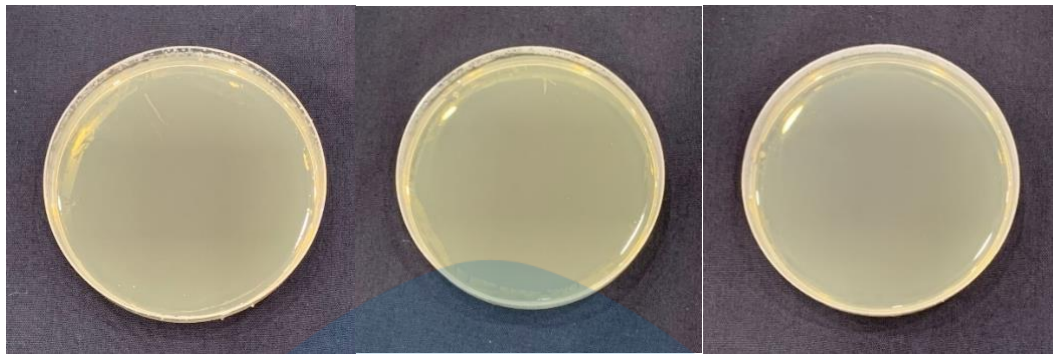
Gambar 42. KHM Kontrol Positif 0,5%



Gambar 43. KHM Kontrol Positif 1%

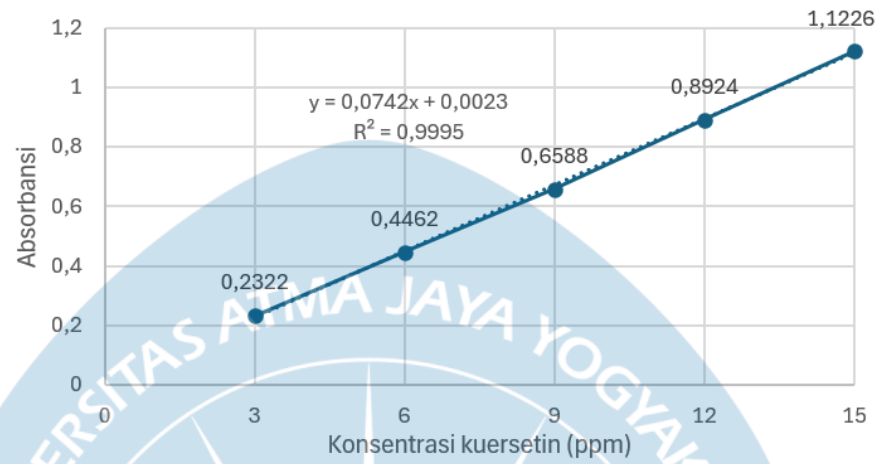


Gambar 44. KHM Kontrol Positif 1,5%



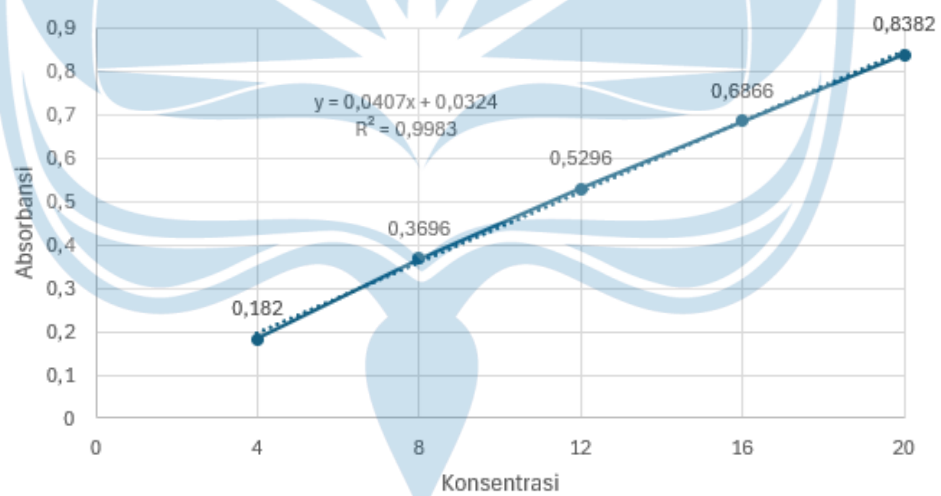
Gambar 45. KHM Kontrol Positif 2%

Lampiran 7. Kurva Standar Kuersetin



Gambar 46. Kurva Standar Kuersetin

Lampiran 8. Kurva Standar Asam Tanat



Gambar 47. Kurva Standar Asam Tanat

Lampiran 9. Determinasi Tanaman Markisa Kuning



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Asal Instansi : Fakultas Teknobiologi, Universitas Atma Jaya Yogyakarta

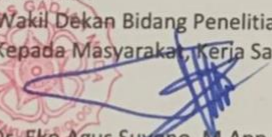
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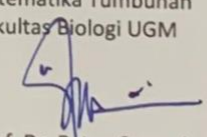
Filum : Tracheophyta
Kelas : Magnoliopsida
Ordo : Malpighiales
Familia : Passifloraceae
Genus : *Passiflora*
Spesies : *Passiflora edulis* Sims f. *flavicarpa* O. Deg.
Nama lokal : Markisa kuning

identifikasi tersebut dibantu oleh Prof. Dr. Ratna Susandarini, M.Sc.
Demikian surat keterangan ini diberikan untuk dapat dipergunakan seperlunya.

Yogyakarta, 5 Februari 2025
Kepala Laboratorium
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NIP. 197112181997021001


Prof. Dr. Ratna Susandarini, M.Sc.
NIP. 196904071993032002

Lampiran 10. Sertifikat Jamur *Candida albicans*

NO	PARAMETER	SATUAN	HASIL UJI	METODE
1	<i>Candida albicans</i> ATCC 10231	tabung	Uji isolasi dan Identifikasi sesuai dengan karakteritis strain <i>Candida albicans</i> ATCC 10231.	Biakan & Identifikasi

Catatan :

- Hasil uji ini hanya berlaku untuk contoh yang diuji

Yogyakarta, 3 Oktober 2024
Manager Teknik
[Signature]
Septi Widyastuti, S.Si., M.Kes.
NIP. 197109051996032004

Lampiran 11. Analisis SPSS

Uji Normalitas (b)

Perlakuan		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
		Statistik	Derajat bebas	Signifikansi	Statistik	Derajat bebas	Signifikansi
ZonaHambat	10%	,264	5	,200*	,989	5	,975
	20%	,224	5	,200*	,872	5	,275
	30%	,271	5	,200*	,858	5	,221
	40%	,235	5	,200*	,870	5	,268
	K+	,226	5	,200*	,965	5	,844

* Batas awal signifikasi

a Koreksi Signifikansi Lilliefors

b ZonaHambat konstan jika Perlakuan = K-, telah dihilangkan

ZonaHambat

Duncan

Perlakuan	Jumlah Data	Substet untuk Alfa = .05					
		1	2	3	4	5	6
K-	5	,0000	4,9900				
10%	5						
20%	5			6,5700			
30%	5				8,6600		
40%	5					11,1300	
K+	5						17,6600
Sig.		1,000	1,000		1,000	1,000	1,000

Rerata untuk kelompok dalam substet yang homogen ditampilkan

a Menggunakan Ukuran Sampel Rata-Rata Harmonik= 5.000.

Uji Descriptives

Perlakuan	Jumlah Data	Rata-Rata	Std. Deviasi	Std. Error	Interval Kepercayaan 95% untuk Rata-Rata		Minimal	Maksimal
					Batas Bawah	Batas Atas		
10%	5	4,9920	,97804	,43739	3,7776	6,2064	3,60	6,20
20%	5	6,5700	,62909	,28134	5,7889	7,3511	5,55	7,10
30%	5	8,6600	1,56181	,69846	6,7208	10,5992	7,00	10,50
40%	5	11,1300	1,21068	,54143	9,6267	12,6333	9,80	12,40
K+	5	17,6600	,48270	,21587	17,0606	18,2594	17,05	18,35
K-	5	,0000	,00000	,00000	,0000	,0000	,00	,00
Total	30	8,1687	5,61498	1,02515	6,0720	10,2653	,00	18,35

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