

Lampiran I : Daftar Populasi dan Sampel Perusahaan

Populasi Perusahaan Farmasi periode 2012-2017

No	Nama Perusahaan	Kode
1.	PT. Darya Varia Laboratoria Tbk	DVLA
2.	PT. Indofarma Tbk	INAF
3.	PT. Kimia Farma Tbk	KAEF
4.	PT. Kalbe Farma Tbk	KLBF
5.	PT. Merck Indonesia Tbk	MERK
6.	PT. Taisho Pharmaceutical Indonesia Tbk	SQBB
7.	PT. Pyridam Farma Tbk.	PYFA
8.	PT. Schering Plough Indonesia Tbk.	SCPI
9.	PT. Industri Jamu & Farmasi Sido Muncul Tbk.	SIDO
10.	PT. Tempo Scan Pasific Tbk.	TSPC

Sampel Perusahaan Farmasi periode 2012-2017

No	Nama Perusahaan	Kode
1.	PT. Darya Varia Laboratoria Tbk	DVLA
2.	PT. Kimia Farma Tbk	KAEF
3.	PT. Kalbe Farma Tbk	KLBF
4.	PT. Merck Indonesia Tbk	MERK
5.	PT. Taisho Pharmaceutical Indonesia Tbk	SQBB

Lampiran II : Hasil Perhitungan Variabel Keputusan Investasi, Keputusan Pendanaan, Kebijakan Dividen, dan Nilai Perusahaan

1. Keputusan Investasi

$$\text{Rumus : TAG} = \frac{\text{Total Aset} - \text{Total Aset}_{n-1}}{\text{Total Aset}_{n-1}}$$

Data dan Hasil Perhitungan Keputusan Investasi

TAHUN 2013					
NO.	Nama Perusahaan	Total Aset	Total Aset n-1	Total Aset - Total Aset n - 1	TAG
1.	Darya Varia Laboratria (DVLA)	Rp 1.190.054.288.000	Rp 1.074.691.476.000	Rp 115.362.812.000	Rp 0,11
2.	Kimia Farma (KAEF)	Rp 2.471.939.548.890	Rp 2.076.347.580.785	Rp 395.591.968.105	Rp 0,19
3.	Kalbe Farma (KLBF)	Rp 11.315.061.275.026	Rp 9.417.957.180.958	Rp 1.897.104.094.068	Rp 0,20
4.	Merck Indonesia (MERK)	Rp 696.946.318.000	Rp 569.430.951.000	Rp 127.515.367.000	Rp 0,22
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 421.187.982.000	Rp 397.144.458.000	Rp 24.043.524.000	Rp 0,06

TAHUN 2012					
NO.	Nama Perusahaan	Total Aset	Total Aset n-1	Total Aset - Total Aset n - 1	TAG
1.	Darya Varia Laboratria (DVLA)	Rp 1.074.691.476.000	Rp 922.945.318.000	Rp 151.746.158.000	Rp 0,16
2.	Kimia Farma (KAEF)	Rp 2.076.347.580.785	Rp 1.794.399.675.018	Rp 281.947.905.767	Rp 0,16
3.	Kalbe Farma (KLBF)	Rp 9.417.957.180.958	Rp 8.274.554.112.840	Rp 1.143.403.068.118	Rp 0,14
4.	Merck Indonesia (MERK)	Rp 569.430.951.000	Rp 584.388.578.000	Rp (14.957.627.000)	Rp (0,03)
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 397.144.458.000	Rp 361.756.455.000	Rp 35.388.003.000	Rp 0,10

TAHUN 2014					
NO.	Nama Perusahaan	Total Aset	Total Aset n-1	Total Aset - Total Aset n - 1	TAG
1.	Darya Varia Laboratria (DVLA)	Rp 1.236.247.525.000	Rp 1.190.054.288.000	Rp 46.193.237.000	Rp 0,04
2.	Kimia Farma (KAEF)	Rp 2.968.184.626.297	Rp 2.471.939.548.890	Rp 496.245.077.407	Rp 0,20
3.	Kalbe Farma (KLBF)	Rp 12.425.032.367.729	Rp 11.315.061.275.026	Rp 1.109.971.092.703	Rp 0,10
4.	Merck Indonesia (MERK)	Rp 716.599.526.000	Rp 696.946.318.000	Rp 19.653.208.000	Rp 0,03
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 459.352.720.000	Rp 421.187.982.000	Rp 38.164.738.000	Rp 0,09

TAHUN 2015					
NO.	Nama Perusahaan	Total Aset	Total Aset n-1	Total Aset - Total Aset n - 1	TAG
1.	Darya Varia Laboratria (DVLA)	Rp 1.376.278.237.000	Rp 1.236.247.525.000	Rp 140.030.712.000	Rp 0,11
2.	Kimia Farma (KAEF)	Rp 3.236.224.076.311	Rp 2.968.184.626.297	Rp 268.039.450.014	Rp 0,09
3.	Kalbe Farma (KLBF)	Rp 13.696.417.381.439	Rp 12.425.032.367.729	Rp 1.271.385.013.710	Rp 0,10
4.	Merck Indonesia (MERK)	Rp 641.646.818.000	Rp 716.599.526.000	Rp (74.952.708.000)	Rp (0,10)
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 464.027.522.000	Rp 459.352.720.000	Rp 4.674.802.000	Rp 0,01

TAHUN 2016					
NO.	Nama Perusahaan	Total Aset	Total Aset n	Total Aset - Total Aset n - 1	TAG
1.	Darya Varia Laboratria (DVLA)	Rp 1.531.365.558.000	Rp 1.376.278.237.000	Rp 155.087.321.000	Rp 0,11
2.	Kimia Farma (KAEF)	Rp 4.612.562.541.064	Rp 3.236.224.076.311	Rp 1.376.338.464.753	Rp 0,43
3.	Kalbe Farma (KLBF)	Rp 15.226.009.210.657	Rp 13.696.417.381.439	Rp 1.529.591.829.218	Rp 0,11
4.	Merck Indonesia (MERK)	Rp 743.934.894.000	Rp 641.646.818.000	Rp 102.288.076.000	Rp 0,16
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 479.233.790.000	Rp 464.027.522.000	Rp 15.206.268.000	Rp 0,03

TAHUN 2017					
NO.	Nama Perusahaan	Total Aset	Total Aset n	Total Aset - Total Aset n - 1	TAG
1.	Darya Varia Laboratria (DVLA)	Rp 1.640.886.147.000	Rp 1.376.278.237.000	Rp 264.607.910.000	Rp 0,19
2.	Kimia Farma (KAEF)	Rp 6.096.148.972.533	Rp 4.612.562.541.064	Rp 1.483.586.431.469	Rp 0,32
3.	Kalbe Farma (KLBF)	Rp 13.894.031.782.689	Rp 15.226.009.210.657	Rp (1.331.977.427.968)	Rp (0,09)
4.	Merck Indonesia (MERK)	Rp 847.006.544.000	Rp 743.934.894.000	Rp 103.071.650.000	Rp 0,77
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 492.349.222.000	Rp 479.233.790.000	Rp 13.115.432.000	Rp 0,03

2. Keputusan Pendanaan

$$\text{Rumus} \quad : \text{Debt To Equity Ratio (DER)} = \frac{\text{Total Hutang}}{\text{Modal Sendiri}}$$

Data dan Hasil Perhitungan Keputusan Pendanaan *Debt to Equity Ratio* (DER)

TAHUN 2012				
No.	Nama Perusahaan	Total Hutang	Modal Sendiri	DER
1.	Darya Varia Laboratria (DVLA)	Rp 233.144.997	Rp 841.546.479	Rp 0,28
2.	Kimia Farma (KAEF)	Rp 650.102.176.989	Rp 1.441.533.689.666	Rp 0,45
3.	Kalbe Farma (KLBF)	Rp 2.046.313.566.061	Rp 7.371.643.614.897	Rp 0,28
4.	Merck Indonesia (MERK)	Rp 152.689.086.000	Rp 416.741.865.000	Rp 0,37
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 71.785.430.000	Rp 325.359.028.000	Rp 0,21

TAHUN 2013				
No.	Nama Perusahaan	Total Hutang	Modal Sendiri	DER
1.	Darya Varia Laboratria (DVLA)	Rp 275.351.336.000	Rp 914.702.952.000	Rp 0,30
2.	Kimia Farma (KAEF)	Rp 847.584.859.909	Rp 1.624.354.688.981	Rp 0,52
3.	Kalbe Farma (KLBF)	Rp 2.815.103.309.451	Rp 8.499.957.965.575	Rp 0,33
4.	Merck Indonesia (MERK)	Rp 184.727.696.000	Rp 512.218.622.000	Rp 0,36
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 74.135.708.000	Rp 347.052.274.000	Rp 0,21

TAHUN 2014				
No.	Nama Perusahaan	Total Hutang	Modal Sendiri	DER
1.	Darya Varia Laboratria (DVLA)	Rp 273.816.042.000	Rp 962.431.483.000	Rp 0,28
2.	Kimia Farma (KAEF)	Rp 1.157.040.676.384	Rp 1.811.143.949.913	Rp 0,64
3.	Kalbe Farma (KLBF)	Rp 2.607.556.689.283	Rp 9.817.475.678.446	Rp 0,27
4.	Merck Indonesia (MERK)	Rp 162.908.670.000	Rp 553.690.856.000	Rp 0,29
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 90.473.777.000	Rp 368.878.943.000	Rp 0,25

TAHUN 2015				
No.	Nama Perusahaan	Total Hutang	Modal Sendiri	DER
1.	Darya Varia Laboratria (DVLA)	Rp 402.760.903.000	Rp 973.517.334.000	Rp 0,41
2.	Kimia Farma (KAEF)	Rp 1.374.127.253.841	Rp 1.862.096.822.470	Rp 0,74
3.	Kalbe Farma (KLBF)	Rp 2.758.131.396.170	Rp 10.938.285.985.269	Rp 0,25
4.	Merck Indonesia (MERK)	Rp 168.103.536.000	Rp 473.543.282.000	Rp 0,35
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 109.974.035.000	Rp 354.053.487.000	Rp 0,31

TAHUN 2016				
No.	Nama Perusahaan	Total Hutang	Modal Sendiri	DER
1.	Darya Varia Laboratria (DVLA)	Rp 451.785.946.000	Rp 1.079.579.612.000	Rp 0,42
2.	Kimia Farma (KAEF)	Rp 2.341.155.131.870	Rp 2.271.407.409.194	Rp 1,02
3.	Kalbe Farma (KLBF)	Rp 2.762.162.069.572	Rp 12.463.847.141.085	Rp 0,22
4.	Merck Indonesia (MERK)	Rp 161.262.425.000	Rp 582.672.469.000	Rp 0,28
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 124.404.091.000	Rp 354.829.699.000	Rp 0,35

TAHUN 2017				
No.	Nama Perusahaan	Total Hutang	Modal Sendiri	DER
1.	Darya Varia Laboratria (DVLA)	Rp 524.586.078.000	Rp 1.116.886.147.000	Rp 0,47
2.	Kimia Farma (KAEF)	Rp 3.523.628.217.406	Rp 2.572.520.755.127	Rp 1,37
3.	Kalbe Farma (KLBF)	Rp 2.722.207.633.646	Rp 13.894.031.782.689	Rp 0,20
4.	Merck Indonesia (MERK)	Rp 231.569.103.000	Rp 615.437.441.000	Rp 0,38
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 133.919.126.000	Rp 354.430.096.000	Rp 0,38

3. Kebijakan Dividen

$$\text{Rumus :} \textit{Dividen Payout Ratio (DPR)} = \frac{\textit{Dividen Per Share}}{\textit{Earning Per share}}$$

Data dan Hasil Perhitungan Kebijakan Dividen (*Dividen Payout Rasio*)

TAHUN 2012				
No.	Nama Perusahaan	Dividen per share	Earning Per Share	DPR
1.	Darya Varia Laboratria (DVLA)	5.250	13.295	39,49%
2.	Kimia Farma (KAEF)	554	3.624	15,29%
3.	Kalbe Farma (KLBF)	1.900	2.845	66,78%
4.	Merck Indonesia (MERK)	3.570	481.286	0,74%
5.	Taisho Pharmaceutical Indonesia (SQBB)	1.250	1.459.307	0,09%

TAHUN 2013				
No.	Nama Perusahaan	Dividen per share	Earning Per Share	DPR
1.	Darya Varia Laboratria (DVLA)	3.450	11.232	30,72%
2.	Kimia Farma (KAEF)	966	3.863	25,01%
3.	Kalbe Farma (KLBF)	1.700	3.780	44,97%
4.	Merck Indonesia (MERK)	625.000	783.236	79,80%
5.	Taisho Pharmaceutical Indonesia (SQBB)	12.500	1.613.305	0,77%

TAHUN 2014				
No.	Nama Perusahaan	Dividen per share	Earning Per Share	DPR
1.	Darya Varia Laboratria (DVLA)	22	725	3,03%
2.	Kimia Farma (KAEF)	0	422.445	0%
3.	Kalbe Farma (KLBF)	1.900	4.405	43,13%
4.	Merck Indonesia (MERK)	6.250	810.144	0,77%
5.	Taisho Pharmaceutical Indonesia (SQBB)	14.000	1.778.248	0,79%

TAHUN 2015				
No.	Nama Perusahaan	Dividen per share	Earning Per Share	DPR
1.	Darya Varia Laboratria (DVLA)	6.500	9.633	67,48%
2.	Kimia Farma (KAEF)	8	4.481	0,19%
3.	Kalbe Farma (KLBF)	1.900	4.276	44,43%
4.	Merck Indonesia (MERK)	6.500	636.364	1,02%
5.	Taisho Pharmaceutical Indonesia (SQBB)	16.000	1.620.708	0,99%

TAHUN 2016				
No.	Nama Perusahaan	Dividen Per Share	Earning Per Share	DPR
1.	Darya Varia Laboratria (DVLA)	3.500	136.284	2,57%
2.	Kimia Farma (KAEF)	9	48	18,61%
3.	Kalbe Farma (KLBF)	19	3.632	52,31%
4.	Merck Indonesia (MERK)	100	3.430	2,92%
5.	Taisho Pharmaceutical Indonesia (SQBB)	16.000	1.782.224	0,90%

TAHUN 2017				
No.	Nama Perusahaan	Dividen Per Share	Earning Per Share	DPR
1.	Darya Varia Laboratria (DVLA)	65	145	44,83%
2.	Kimia Farma (KAEF)	18	59	30,01%
3.	Kalbe Farma (KLBF)	22	51	42,90%
4.	Merck Indonesia (MERK)	225	323.000	0,07%
5.	Taisho Pharmaceutical Indonesia (SQBB)	17.000	17.447.248	0,10%

4. Nilai Perusahaan

Rumus : $\frac{\text{Harga Per lembar Saham}}{\text{Nilai Buku Per Saham}}$ Data dan Hasil Perhitungan Nilai Perusahaan (*Price Book Value*)

TAHUN 2012						
NO.	Nama Perusahaan	Σ Ekuitas	Σ Saham Beredar	Nilai Buku	Harga Saham	PBV
1.	Darya Varia Laboratria (DVLA)	Rp 841.546.479.000	Rp 1.120.000.000	751,3807848	Rp 1.690	2,25
2.	Kimia Farma (KAEF)	Rp 1.441.533.689.666	Rp 5.554.000.000	259,5487378	Rp 740	2,85
3.	Kalbe Farma (KLBF)	Rp 7.371.643.614.897	Rp 50.780.072.110	145,1680415	Rp 1.060	7,30
4.	Merck Indonesia (MERK)	Rp 416.741.865.000	Rp 22.400.000	18604,54754	Rp 152.000	8,17
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 325.359.028.000	Rp 9.268.000	35105,6353	Rp 10.500	0,28

TAHUN 2013						
NO.	Nama Perusahaan	Σ Ekuitas	Σ Saham Beredar	Nilai Buku	Harga Saham	PBV
1.	Darya Varia Laboratria (DVLA)	Rp 914.702.952.000	Rp 1.120.000.000	816,6990643	Rp 2.200	2,69
2.	Kimia Farma (KAEF)	Rp 1.624.354.688.981	Rp 5.554.000.000	292,4657344	Rp 590	2,02
3.	Kalbe Farma (KLBF)	Rp 8.499.957.965.575	Rp 46.875.122.110	181,3319642	Rp 1.250	6,89
4.	Merck Indonesia (MERK)	Rp 512.218.622.000	Rp 22.400.000	22866,90277	Rp 189.000	8,27
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 347.052.274.000	Rp 9.268.000	37446,29629	Rp 10.500	0,28

TAHUN 2014						
NO.	Nama Perusahaan	Σ Ekuitas	Σ Saham Beredar	Nilai Buku	Harga Saham	PBV
1.	Darya Varia Laboratria (DVLA)	Rp 962.431.483.000	Rp 1.120.000.000	859,3138241	Rp 1.690	1,97
2.	Kimia Farma (KAEF)	Rp 1.811.143.949.913	Rp 5.554.000.000	326,0972182	Rp 1.465	4,49
3.	Kalbe Farma (KLBF)	Rp 9.817.475.678.446	Rp 46.875.122.110	209,4389355	Rp 1.830	8,74
4.	Merck Indonesia (MERK)	Rp 553.690.856.000	Rp 22.400.000	24718,34179	Rp 160.000	6,47
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 368.878.943.000	Rp 9.268.000	39801,35337	Rp 10.500	0,26

Tahun 2015						
No.	Nama Perusahaan	Σ Ekuitas	Σ Saham Beredar	Nilai Buku	Harga Saham	PBV
1.	Darya Varia Laboratria (DVLA)	Rp 973.517.334.000	Rp 1.120.000.000	869,2119054	Rp 1.300	1,50
2.	Kimia Farma (KAEF)	Rp 1.862.096.822.470	Rp 5.554.000.000	335,271304	Rp 2.750	8,20
3.	Kalbe Farma (KLBF)	Rp 10.938.285.985.269	Rp 46.875.122.110	233,3494931	Rp 1.320	5,66
4.	Merck Indonesia (MERK)	Rp 473.543.282.000	Rp 22.400.000	21140,32509	Rp 6.775	0,32
5.	Taisho Pharmaceutical Indonesia(SQBB)	Rp 354.053.487.000	Rp 9.268.000	38201,71418	Rp 10.500	0,27

Tahun 2016						
NO.	Nama Perusahaan	Σ Ekuitas	Σ Saham Beredar	Nilai Buku	Harga Saham	PBV
1.	Darya Varia Laboratria (DVLA)	Rp 1.079.579.612.000	Rp 1.120.000.000	963,9103679	Rp 1.755	1,82
2.	Kimia Farma (KAEF)	Rp 2.271.407.409.194	Rp 5.554.000.000	408,9678447	Rp 2.750	6,72
3.	Kalbe Farma (KLBF)	Rp 12.463.847.141.085	Rp 46.875.122.110	265,894713	Rp 1.515	5,70
4.	Merck Indonesia (MERK)	Rp 582.672.469.000	Rp 22.400.000	26012,16379	Rp 9.200	0,35
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 354.829.699.000	Rp 9.268.000	38285,46601	Rp 10.500	0,27

Tahun 2017						
NO.	Nama Perusahaan	Σ Ekuitas	Σ Saham Beredar	Nilai Buku	Harga Saham	PBV
1.	Darya Varia Laboratria (DVLA)	Rp 1.116.886.147.000	Rp1120000000	997,2197741	Rp 1.755	1,97
2.	Kimia Farma (KAEF)	Rp 2.572.520.755.127	Rp 5.554.000.000	463,183427	Rp 2.750	5,83
3.	Kalbe Farma (KLBF)	Rp 13.894.031.782.689	Rp 46.875.122.110	296,4952392	Rp 1.515	5,70
4.	Merck Indonesia (MERK)	Rp 615.437.441.000	Rp 22.400.000	27474,88576	Rp 9.200	0,31
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 354.430.096.000	Rp 9.268.000	38242,34959	Rp 10.500	0,27

Hasil Perhitungan Pertumbuhan Laba Pada Perusahaan Farmasi periode 2012-2017

Tahun 2012					
NO.	Nama Perusahaan	Laba bersih n	laba bersih n-1	laba bersih n - laba bersih n-1	Pertumbuhan Laba
1.	Darya Varia Laboratria (DVLA)	Rp 148.909.089	Rp 120.915.340	Rp 27.993.749	0,23
2.	Kimia Farma (KAEF)	Rp 205.763.997.378	Rp 171.763.175.754	Rp 34.000.821.624	0,20
3.	Kalbe Farma (KLBF)	Rp 1.772.034.750.571	Rp 1.539.721.311.065	Rp 232.313.439.506	0,15
4.	Merck Indonesia (MERK)	Rp 107.808.155	Rp 231.158.647	Rp (123.350.492)	(0,53)
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 135.248.606	Rp 120.059.348	Rp 15.189.258	0,13

TAHUN 2013					
NO.	Nama Perusahaan	Laba bersih n	laba bersih n-1	laba bersih n - laba bersih n-1	Pertumbuhan Laba
1.	Darya Varia Laboratria (DVLA)	Rp 125.796.473	Rp 148.909.089	Rp (23.112.616)	(0,16)
2.	Kimia Farma (KAEF)	Rp 215.642.329.977	Rp 205.763.997.378	Rp 9.878.332.599	0,05
3.	Kalbe Farma (KLBF)	Rp 2.004.243.694.797	Rp 1.772.034.750.571	Rp 232.208.944.226	0,13
4.	Merck Indonesia (MERK)	Rp 175.444.757	Rp 107.808.155	Rp 67.636.602	0,63
5.	Taisho Pharmaceutical Indonesi (SQBB)	Rp 149.521.096	Rp 135.248.606	Rp 14.272.490	0,11

TAHUN 2014					
NO.	Nama Perusahaan	Laba bersih n	laba bersih n-1	laba bersih n - laba bersih n-1	Pertumbuhan Laba
1.	Darya Varia Laboratria (DVLA)	Rp 80.929.476	Rp 125.796.473	Rp (44.866.997)	(0,36)
2.	Kimia Farma (KAEF)	Rp 236.531.070.864	Rp 215.642.329.977	Rp 20.888.740.887	0,10
3.	Kalbe Farma (KLBF)	Rp 2.129.215.450.082	Rp 2.004.243.694.797	Rp 124.971.755.285	0,06
4.	Merck Indonesia (MERK)	Rp 181.472.234	Rp 175.444.757	Rp 6.027.477	0,03
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 164.808.009	Rp 149.521.096	Rp 15.286.913	0,10

TAHUN 2015					
NO.	Nama Perusahaan	laba bersih n	laba bersih n-1	laba bersih n - laba bersih n-1	Pertumbuhan Laba
1.	Darya Varia Laboratria (DVLA)	Rp 107.894.430	Rp 80.929.476	Rp 26.964.954	0,33
2.	Kimia Farma (KAEF)	Rp 187.943.098.802	Rp 236.531.070.864	Rp (48.587.972.062)	(0,21)
3.	Kalbe Farma (KLBF)	Rp 2.083.402.901.121	Rp 2.129.215.450.082	Rp (45.812.548.961)	(0,02)
4.	Merck Indonesia (MERK)	Rp 148.818.963	Rp 181.472.234	Rp (32.653.271)	(0,18)
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 148.660.621	Rp 164.808.009	Rp (16.147.388)	(0,10)

NO.	Nama Perusahaan	TAHUN 2016			Pertumbuhan Laba
		laba bersih n	laba bersih n-1	laba bersih n - laba bersih n-1	
1.	Darya Varia Laboratria (DVLA)	Rp 145.119.664	Rp 107.894.430	Rp 37.225.234	0,35
2.	Kimia Farma (KAEF)	Rp 271.597.947.663	Rp 187.943.098.802	Rp 83.654.848.861	0,45
3.	Kalbe Farma (KLBF)	Rp 2.353.923.940.687	Rp 2.083.402.901.121	Rp 270.521.039.566	0,13
4.	Merck Indonesia (MERK)	Rp 153.929.187	Rp 148.818.963	Rp 5.110.224	0,03
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 164.299.058	Rp 148.660.621	Rp 15.638.437	0,11

NO.	Nama Perusahaan	TAHUN 2017			Pertumbuhan Laba
		laba bersih n	laba bersih n-1	laba bersih n - laba bersih n-1	
1.	Darya Varia Laboratria (DVLA)	Rp 148.312.987	Rp 145.119.664	Rp 3.193.323	0,02
2.	Kimia Farma (KAEF)	Rp 318.945.024.311	Rp 271.597.947.663	Rp 47.347.076.648	0,17
3.	Kalbe Farma (KLBF)	Rp 2.392.807.308.460	Rp 2.353.923.940.687	Rp 38.883.367.773	0,02
4.	Merck Indonesia (MERK)	Rp 144.677.294	Rp 153.929.187	Rp (9.251.893)	(0,06)
5.	Taisho Pharmaceutical Indonesia (SQBB)	Rp 177.164.634	Rp 164.299.058	Rp 12.865.576	0,08

Inflasi Periode 2012- 2017

No.	Bulan	Tahun					
		2012	2013	2014	2015	2016	2017
1.	Januari	3,65	4,57	8,22	6,96	4,14	3,49
2.	Februari	3,56	5,31	7,75	6,29	4,42	3,83
3.	Maret	3,97	5,90	7,32	6,38	4,45	3,61
4.	April	4,50	5,57	7,25	6,79	3,60	4,17
5.	Mei	4,45	5,47	7,32	7,15	3,33	4,33
6.	Juni	4,53	5,90	6,70	7,26	3,45	4,37
7.	Juli	4,56	8,61	4,53	7,26	3,21	3,88
8.	Agustus	4,58	8,79	3,99	7,18	2,79	3,82
9.	September	4,31	8,40	4,53	6,83	3,07	3,72
10.	Oktober	4,61	8,32	4,83	6,25	3,31	3,58
11.	November	4,32	8,37	6,23	4,89	3,58	3,30
12.	Desember	4,30	8,38	8,36	3,35	3,02	3,61

Suku Bunga BI Periode 2012-2017

No.	Bulan	Tahun					
		2012	2013	2014	2015	2016	2017
1.	Januari	6,00 %	5,75 %	7,50 %	7,75 %	7,25 %	4,75 %
2.	Februari	5,75 %	5,75 %	7,50 %	7,50 %	7,00 %	4,75 %
3.	Maret	5,75 %	5,75 %	7,50 %	7,50 %	6,75 %	4,75 %
4.	April	5,75 %	5,75 %	7,50 %	7,50 %	5,50 %	4,75 %
5.	Mei	5,75 %	5,75 %	7,50 %	7,50 %	5,50%	4,75 %
6.	Juni	5,75 %	6,00 %	7,50 %	7,50 %	5,25 %	4,75 %
7.	Juli	5,75 %	6,50 %	7,50 %	7,50 %	5,25 %	4,75 %
8.	Agustus	5,75 %	6,50 %	7,50 %	7,50 %	5,25 %	4,50 %
9.	September	5,75 %	7,25 %	7,50 %	7,50 %	5,00 %	4,25 %
10.	Oktober	5,75 %	7,25 %	7,50 %	7,50 %	4,75 %	4,25 %
11.	November	5,75 %	7,50 %	7,75 %	7,50 %	4,75 %	4,25 %
12.	Desember	5,75 %	7,50 %	7,75 %	7,50 %	4,75 %	4,25 %

Lampiran III : Hasil Uji Asumsi Klasik

Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
TAG	30	-,10	,77	,1347	,16132
DER	30	,20	1,37	,4023	,25180
DPR	30	,00	,80	,2394	,23307
PBV	30	,26	8,74	3,5940	3,04450
Valid N (listwise)	30				

Normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		30
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	2,46930447
Most Extreme Differences	Absolute	,115
	Positive	,115
	Negative	-,088
Test Statistic		,115
Asymp. Sig. (2-tailed)		,200 ^{cd}

a. Test distribution is Normal *Sumber output SPSS 23*

b. Calculated from data.

c. Lilliefors Significance Correction.

Multikolinearitas

Coefficients^a

Model	Collinearity Statistics	
	Tolerance	VIF
1 (Constant)		
TAG	.817	1,225
DER	.805	1,242
DPR	.979	1,021

a. Dependent Variable : PBV *Sumber : Output SPSS 23*

Uji Heteroskedastisitas

Correlations

			TAG	DER	DPR	Abs_ut
Spearman's rho	TAG	Correlation Coefficient	1,000	,440	,218	-,252
		Sig. (2-tailed)	.	,015	,246	,179
		N	30	30	30	30
	DER	Correlation Coefficient	,440	1,000	-,229	,191
		Sig. (2-tailed)	,015	.	,223	,313
		N	30	30	30	30
	DPR	Correlation Coefficient	,218	-,229	1,000	,168
		Sig. (2-tailed)	,246	,223	.	,375
		N	30	30	30	30
	Abs_ut	Correlation Coefficient	-,252	,191	,168	1,000
		Sig. (2-tailed)	,179	,313	,375	.
		N	30	30	30	30

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

Sumber ; Output SPSS 23 (data diolah)

Uji Autokorelasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,585 ^a	,342	,266	2,60788	1,600

a. Predictors: (Constant), DPR, TAG, DER Sumber : Output SPSS 23

b. Dependent Variable: PBV

Uji Linearitas

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,055 ^a	,003	-,112	2,60398548

a. Predictors: (Constant), DPR2, TAG2, DER2

b. Dependent Variable: Unstandardized Residual

Sumber : Otput SPSS 23

**Lampiran IV : Hasil Uji Hipotesis
Regresi Linier Berganda**

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.
	B	Std. Error	Beta		
1 (Constant)	,456	1,086		,420	,678
TAG	-3,057	3,322	-,162	-,920	,366
DER	4,829	2,143	,399	2,253	,033
DPR	6,710	2,100	,514	3,196	,004

a. Dependent Variable: PBV

Sumber : Output SPSS 23 (data diolah)

Uji Parsial

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.
	B	Std. Error	Beta		
1 (Constant)	,456	1,086		,420	,678
TAG	-3,057	3,322	-,162	-,920	,366
DER	4,829	2,143	,399	2,253	,033
DPR	6,710	2,100	,514	3,196	,004

a. Dependent Variable: PBV

Sumber : Output SPSS 23 (data diolah)

Detreminasi Parsial

Coefficients^a

Model		Correlations		
		Zero-order	Partial	Part
1	TAG	0,18	-,178	-,146
	DER	,270	,404	,358
	DPR	,462	,531	,508

a. Dependent Variable: PBV

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.585 ^a	.342	.266	2,60788

Sumber : Output SPSS 23 (data diolah)

Koefisien Determinasi (R^2)

ANOVA^a

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	91,974	3	30,658	4,508	,011 ^b
	Residual	176,826	26	6,801		
	Total	268,800	29			

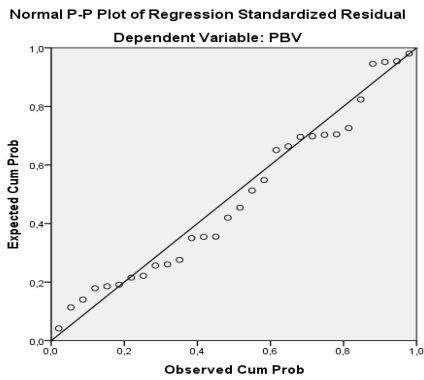
a. Dependent Variable: PBV

Sumber : output SPSS 23 (data diolah)

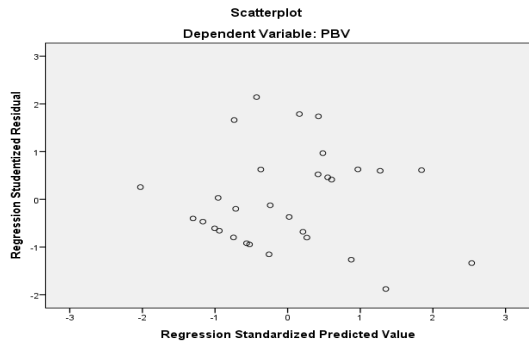
b. Predictors: (Constant), DPR, TAG, DER

Uji F

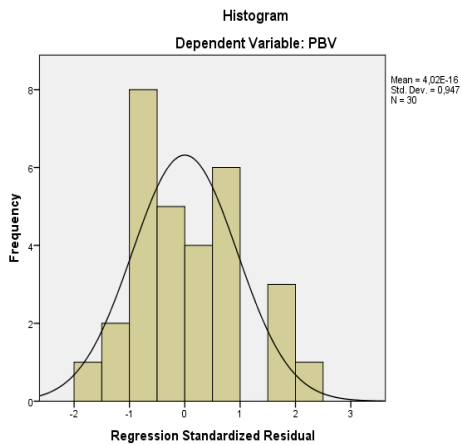
Grafik Normalitas P-Plot



Grafik Scatterplot Heteroskedastisitas



Grafik Histogram Normalitas



Lampiran V : Daftar Harga Saham Perusahaan (Sampel)

Kode Saham : GO Bulan : Desember Tahun : 2012 GO

(DVLA) Darya-Varia Laboratoria Tbk.

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi
 sejak : 03 - Desember - 2012
 sampai : 28 - Desember - 2012

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
28-12-2012	1,690	1,690	1,690	1,690	1,690	0	0	0	
27-12-2012	1,600	1,610	1,690	1,610	1,690	↑ 90	6,500	0	
26-12-2012	1,560	1,600	1,600	1,600	1,600	↑ 40	8,000	0	
21-12-2012	1,570	1,580	1,580	1,560	1,560	↓ 10	45,500	0	
20-12-2012	1,640	1,620	1,620	1,570	1,570	↓ 70	103,500	- 55,500	
19-12-2012	1,690	1,620	1,640	1,620	1,640	↓ 50	9,500	0	
18-12-2012	1,670	1,690	1,690	1,690	1,690	↑ 20	500	0	
17-12-2012	1,690	1,650	1,690	1,650	1,670	↓ 20	71,000	- 33,500	
14-12-2012	1,730	1,690	1,690	1,680	1,690	↓ 40	17,500	0	
13-12-2012	1,710	1,700	1,730	1,680	1,730	↑ 20	27,000	0	
12-12-2012	1,710	1,710	1,730	1,710	1,710	0	22,000	+ 7,500	
11-12-2012	1,710	1,730	1,740	1,710	1,710	0	13,000	0	
10-12-2012	1,740	1,730	1,730	1,700	1,710	↓ 30	24,500	0	
07-12-2012	1,740	1,740	1,750	1,730	1,740	0	39,500	0	
06-12-2012	1,730	1,740	1,740	1,730	1,740	↑ 10	8,000	0	
05-12-2012	1,720	1,700	1,750	1,700	1,730	↑ 10	15,000	0	
04-12-2012	1,730	1,720	1,720	1,720	1,720	↓ 10	500	0	
03-12-2012	1,740	1,740	1,740	1,730	1,730	↓ 10	1,500	0	

Kode Saham : GO Bulan : Desember Tahun : 2013 GO

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi
 sejak : 02 - Desember - 2013
 sampai : 30 - Desember - 2013

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2013	2,250	2,200	2,200	2,200	2,200	↓ 50	10,000	0	
27-12-2013	2,200	2,200	2,250	2,200	2,250	↑ 50	31,000	0	
24-12-2013	2,100	2,150	2,200	2,150	2,200	↑ 100	16,000	0	
23-12-2013	2,000	2,050	2,100	2,050	2,100	↑ 100	17,000	0	
20-12-2013	2,000	2,000	2,000	2,000	2,000	0	6,000	0	
19-12-2013	2,025	2,000	2,000	2,000	2,000	↓ 25	4,500	0	
18-12-2013	2,025	2,025	2,025	2,025	2,025	0	0	0	
17-12-2013	2,150	2,100	2,125	2,025	2,025	↓ 125	105,000	0	
16-12-2013	2,075	2,150	2,150	2,150	2,150	↑ 75	5,000	0	
13-12-2013	2,150	2,075	2,075	2,075	2,075	↓ 75	11,500	0	
12-12-2013	2,025	2,150	2,150	2,150	2,150	↑ 125	10,000	0	
11-12-2013	2,050	2,050	2,100	2,000	2,025	↓ 25	42,500	0	
10-12-2013	2,200	2,050	2,050	2,050	2,050	↓ 150	13,500	0	
09-12-2013	2,200	2,050	2,200	2,050	2,200	0	10,000	0	
06-12-2013	2,200	2,200	2,200	2,200	2,200	0	0	0	
05-12-2013	2,075	2,075	2,200	2,075	2,200	↑ 125	65,500	0	
04-12-2013	2,075	2,075	2,075	2,075	2,075	0	60,000	0	
03-12-2013	2,100	2,075	2,075	2,075	2,075	↓ 25	1,000	0	
02-12-2013	2,100	2,100	2,100	2,100	2,100	0	15,000	0	

Kode Saham : GO Bulan : Desember Tahun : 2014 GO

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 01 - Desember - 2014

sampai : 30 - Desember - 2014

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2014	1,690	1,690	1,690	1,690	1,690	0	0	0	
29-12-2014	1,640	1,690	1,690	1,690	1,690	↑ 50	200	0	
24-12-2014	1,650	1,600	1,640	1,600	1,640	↓ 10	1,300	0	
23-12-2014	1,650	1,575	1,650	1,575	1,650	0	3,100	0	
22-12-2014	1,625	1,650	1,650	1,650	1,650	↑ 25	100	0	
19-12-2014	1,625	1,625	1,625	1,625	1,625	0	0	0	
18-12-2014	1,600	1,500	1,625	1,500	1,625	↑ 25	9,500	0	
17-12-2014	1,600	1,600	1,600	1,600	1,600	0	0	0	
16-12-2014	1,600	1,600	1,600	1,600	1,600	0	0	0	
15-12-2014	1,550	1,560	1,600	1,560	1,600	↑ 50	900	0	
12-12-2014	1,550	1,550	1,550	1,550	1,550	0	2,100	0	
11-12-2014	1,600	1,550	1,550	1,550	1,550	↓ 50	200	0	
10-12-2014	1,600	1,600	1,600	1,600	1,600	0	0	0	
09-12-2014	1,535	1,600	1,650	1,600	1,600	↑ 65	13,700	0	
08-12-2014	1,530	1,550	1,580	1,530	1,535	↑ 5	3,700	0	
05-12-2014	1,700	1,550	1,550	1,530	1,530	↓ 170	5,300	0	
04-12-2014	1,515	1,550	1,725	1,520	1,700	↑ 185	3,100	0	
03-12-2014	1,600	1,515	1,515	1,515	1,515	↓ 85	1,600	0	
02-12-2014	1,625	1,600	1,600	1,600	1,600	↓ 25	100	0	
01-12-2014	1,550	1,600	1,700	1,600	1,625	↑ 75	3,900	0	

Kode Saham : GO Bulan : Desember Tahun : 2015 GO

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 01 - Desember - 2015

sampai : 30 - Desember - 2015

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2015	1,260	1,300	1,300	1,300	1,300	↑ 40	5,500	0	
29-12-2015	1,260	1,260	1,260	1,260	1,260	0	0	0	
28-12-2015	1,260	1,260	1,260	1,260	1,260	0	0	0	
23-12-2015	1,260	1,260	1,260	1,260	1,260	0	0	0	
22-12-2015	1,260	1,260	1,260	1,260	1,260	0	0	0	
21-12-2015	1,165	1,260	1,260	1,260	1,260	↑ 95	12,400	0	
18-12-2015	1,280	1,165	1,165	1,165	1,165	↓ 115	1,000	0	
17-12-2015	1,260	1,280	1,280	1,280	1,280	↑ 20	600	0	
16-12-2015	1,260	1,260	1,260	1,260	1,260	0	0	0	
15-12-2015	1,260	1,260	1,260	1,260	1,260	0	0	0	
14-12-2015	1,260	1,260	1,260	1,260	1,260	0	0	0	
11-12-2015	1,275	1,260	1,260	1,260	1,260	↓ 15	500	0	
10-12-2015	1,365	1,275	1,275	1,275	1,275	↓ 90	5,400	0	
08-12-2015	1,400	1,300	1,365	1,300	1,365	↓ 35	200	0	
07-12-2015	1,375	1,400	1,400	1,400	1,400	↑ 25	20,800	0	
04-12-2015	1,345	1,285	1,375	1,285	1,375	↑ 30	200	0	
03-12-2015	1,345	1,345	1,345	1,345	1,345	0	0	0	
02-12-2015	1,400	1,345	1,345	1,345	1,345	↓ 55	100	0	
01-12-2015	1,400	1,400	1,400	1,400	1,400	0	0	0	

Kode Saham : GO Bulan : Desember Tahun : 2016 GO

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 01 - Desember - 2016

sampai : 30 - Desember - 2016

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2016	1,700	1,700	1,780	1,695	1,755	↑ 55	26,500	0	
29-12-2016	1,700	1,700	1,700	1,700	1,700	0	10,000	0	
28-12-2016	1,700	1,700	1,700	1,700	1,700	0	9,500	0	
27-12-2016	1,700	1,700	1,700	1,700	1,700	0	300	0	
23-12-2016	1,700	1,700	1,700	1,700	1,700	0	500	0	
22-12-2016	1,700	1,700	1,700	1,700	1,700	0	0	0	
21-12-2016	1,700	1,700	1,700	1,700	1,700	0	0	0	
20-12-2016	1,785	1,700	1,700	1,700	1,700	↓ 85	2,200	0	
19-12-2016	1,740	1,785	1,785	1,785	1,785	↑ 45	100	0	
16-12-2016	1,790	1,760	1,760	1,740	1,740	↓ 50	1,200	0	
15-12-2016	1,650	1,790	1,790	1,750	1,790	↑ 140	400	0	
14-12-2016	1,650	1,650	1,650	1,650	1,650	0	0	0	
13-12-2016	1,700	1,650	1,650	1,650	1,650	↓ 50	1,200	0	
09-12-2016	1,660	1,660	1,700	1,660	1,700	↑ 40	1,100	0	
08-12-2016	1,685	1,650	1,660	1,650	1,660	↓ 25	1,300	0	
07-12-2016	1,685	1,685	1,685	1,685	1,685	0	1,500	0	
06-12-2016	1,685	1,685	1,685	1,685	1,685	0	0	0	
05-12-2016	1,750	1,745	1,745	1,685	1,685	↓ 65	700	0	
02-12-2016	1,650	1,675	1,750	1,675	1,750	↑ 100	18,500	0	
01-12-2016	1,650	1,650	1,650	1,650	1,650	0	300	0	

Kode Saham : GO Bulan : Desember Tahun : 2017 GO

(DVLA) Darya-Varia Laboratoria Tbk.

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 04 - Desember - 2017

sampai : 29 - Desember - 2017

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
29-12-2017	1,955	1,960	1,960	1,930	1,960	↑ 5	2,600	0	
28-12-2017	1,960	1,955	1,955	1,955	1,955	↓ 5	2,900	0	
27-12-2017	1,955	1,960	1,960	1,960	1,960	↑ 5	100	0	
22-12-2017	1,940	1,945	1,955	1,940	1,955	↑ 15	8,100	0	
21-12-2017	1,980	1,980	1,990	1,940	1,940	↓ 40	25,300	0	
20-12-2017	1,960	1,980	1,980	1,980	1,980	↑ 20	300	0	
19-12-2017	1,930	1,960	1,990	1,950	1,960	↑ 30	25,400	0	
18-12-2017	1,960	1,930	1,930	1,930	1,930	↓ 30	1,200	0	
15-12-2017	1,970	1,960	1,960	1,960	1,960	↓ 10	500	0	
14-12-2017	1,950	1,930	1,970	1,930	1,970	↑ 20	500	0	
13-12-2017	1,930	1,950	1,950	1,940	1,950	↑ 20	6,000	0	
12-12-2017	1,930	1,930	1,940	1,930	1,930	0	21,900	0	
11-12-2017	1,950	1,950	1,950	1,930	1,930	↓ 20	7,000	0	
08-12-2017	1,950	1,950	1,950	1,950	1,950	0	0	0	
07-12-2017	1,910	1,950	1,950	1,950	1,950	↑ 40	5,000	0	
06-12-2017	1,920	1,910	1,910	1,910	1,910	↓ 10	42,500	0	
05-12-2017	1,950	1,925	1,925	1,920	1,920	↓ 30	8,700	0	
04-12-2017	1,950	1,950	1,950	1,950	1,950	0	0	0	

Kode Saham : GO Bulan : Desember Tahun : 2012 GO

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Sektor : [INDUSTRI BARANG KONSUMSI > Farmasi](#)

sejak : 03 - Desember - 2012

sampai : 28 - Desember - 2012

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
28-12-2012	720	720	750	710	740	↑ 20	11,194,500	0	
27-12-2012	720	710	730	700	720	0	821,000	0	
26-12-2012	720	720	720	700	720	0	2,477,500	0	
21-12-2012	750	740	740	710	720	↓ 30	4,313,500	- 65,000	
20-12-2012	760	750	750	730	750	↓ 10	4,307,500	- 37,500	
19-12-2012	760	770	780	750	760	0	6,708,000	- 79,500	
18-12-2012	760	760	790	750	760	0	10,747,000	+ 120,500	
17-12-2012	750	750	770	740	760	↑ 10	2,758,500	0	
14-12-2012	740	740	750	730	750	↑ 10	2,862,500	- 20,000	
13-12-2012	750	750	750	730	740	↓ 10	2,437,000	0	
12-12-2012	750	750	780	730	750	0	14,077,000	+ 52,000	
11-12-2012	720	720	770	710	750	↑ 30	33,296,000	+ 23,000	
10-12-2012	710	710	730	660	720	↑ 10	10,015,000	+ 368,000	
07-12-2012	720	720	720	700	710	↓ 10	3,653,000	- 48,500	
06-12-2012	720	720	740	710	720	0	12,293,500	- 51,500	
05-12-2012	680	590	720	590	720	↑ 40	22,410,000	0	
04-12-2012	690	690	690	660	680	↓ 10	2,822,000	0	
03-12-2012	710	710	710	680	690	↓ 20	3,462,500	0	

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Sektor : [INDUSTRI BARANG KONSUMSI > Farmasi](#)

sejak : 02 - Desember - 2013

sampai : 30 - Desember - 2013

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2013	560	560	590	550	590	↑ 30	1,155,000	0	
27-12-2013	560	560	570	550	560	0	484,500	0	
24-12-2013	530	550	560	530	560	↑ 30	1,011,000	0	
23-12-2013	540	540	560	530	530	↓ 10	536,000	0	
20-12-2013	560	560	560	540	540	↓ 20	364,000	0	
19-12-2013	560	560	570	550	560	0	2,402,500	0	
18-12-2013	560	560	580	550	560	0	5,449,000	0	
17-12-2013	540	540	580	540	560	↑ 20	8,325,000	0	
16-12-2013	530	530	540	500	540	↑ 10	4,184,000	0	
13-12-2013	520	510	530	500	530	↑ 10	3,566,500	0	
12-12-2013	510	495	520	495	520	↑ 10	10,424,500	0	
11-12-2013	510	495	520	495	510	0	1,610,000	0	
10-12-2013	510	510	520	500	510	0	1,000,500	0	
09-12-2013	510	510	510	500	510	0	299,500	0	
06-12-2013	520	500	510	500	510	↓ 10	453,500	0	
05-12-2013	520	510	520	500	520	0	584,000	0	
04-12-2013	510	495	530	495	520	↑ 10	923,000	0	
03-12-2013	530	530	540	510	510	↓ 20	1,520,500	0	
02-12-2013	510	495	540	495	530	↑ 20	1,363,500	0	

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 01 - Desember - 2014

sampai : 30 - Desember - 2014

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2014	1,455	1,460	1,465	1,450	1,465	↑ 10	1,361,700	0	
29-12-2014	1,435	1,440	1,465	1,435	1,455	↑ 20	978,400	- 6,900	
24-12-2014	1,425	1,405	1,480	1,405	1,435	↑ 10	3,225,800	0	
23-12-2014	1,400	1,420	1,440	1,390	1,425	↑ 25	3,139,500	0	
22-12-2014	1,375	1,395	1,405	1,375	1,400	↑ 25	777,800	0	
19-12-2014	1,375	1,390	1,425	1,375	1,375	0	1,996,300	0	
18-12-2014	1,330	1,350	1,395	1,350	1,375	↑ 45	1,100,000	+ 23,000	
17-12-2014	1,350	1,440	1,440	1,310	1,330	↓ 20	616,700	+ 5,200	
16-12-2014	1,395	1,390	1,395	1,305	1,350	↓ 45	2,719,500	- 385,000	
15-12-2014	1,425	1,425	1,425	1,390	1,395	↓ 30	1,450,800	0	
12-12-2014	1,445	1,445	1,450	1,425	1,425	↓ 20	1,862,300	- 214,900	
11-12-2014	1,425	1,425	1,445	1,410	1,445	↑ 20	2,500,800	- 34,700	
10-12-2014	1,405	1,405	1,465	1,385	1,425	↑ 20	10,968,900	+ 10,800	
09-12-2014	1,375	1,355	1,640	1,305	1,405	↑ 30	27,915,200	- 761,500	
08-12-2014	1,425	1,455	1,455	1,375	1,375	↓ 50	1,807,400	0	
05-12-2014	1,440	1,440	1,475	1,425	1,425	↓ 15	1,771,000	0	
04-12-2014	1,440	1,445	1,475	1,440	1,440	0	2,725,900	0	
03-12-2014	1,385	1,385	1,450	1,385	1,440	↑ 55	5,414,000	0	
02-12-2014	1,380	1,390	1,400	1,380	1,385	↑ 5	1,371,700	- 12,000	
01-12-2014	1,390	1,390	1,390	1,375	1,380	↓ 10	638,100	0	

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sejak : 01 - Desember - 2015

sampai : 30 - Desember - 2015

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2015	875	880	885	850	870	↓ 5	2,066,300	- 25,400	
29-12-2015	870	875	885	865	875	↑ 5	552,400	0	
28-12-2015	840	845	875	845	870	↑ 30	1,125,400	0	
23-12-2015	865	875	875	835	840	↓ 25	2,429,200	- 490,000	
22-12-2015	880	880	890	865	865	↓ 15	1,020,600	0	
21-12-2015	870	865	895	865	880	↑ 10	951,200	0	
18-12-2015	890	900	900	855	870	↓ 20	1,457,300	+ 149,300	
17-12-2015	840	860	910	860	890	↑ 50	4,465,000	+ 2,501,700	
16-12-2015	825	835	860	835	840	↑ 15	1,944,200	0	
15-12-2015	795	800	830	795	825	↑ 30	3,590,900	0	
14-12-2015	845	835	840	785	795	↓ 50	5,844,400	- 2,414,200	
11-12-2015	865	860	870	790	845	↓ 20	6,550,100	+ 158,300	
10-12-2015	925	920	920	855	865	↓ 60	4,809,400	- 85,300	
08-12-2015	955	945	960	915	925	↓ 30	927,700	0	
07-12-2015	960	960	970	935	955	↓ 5	950,000	0	
04-12-2015	980	970	970	950	960	↓ 20	607,000	0	
03-12-2015	975	975	990	965	980	↑ 5	763,200	0	
02-12-2015	975	980	990	975	975	0	1,912,800	0	
01-12-2015	970	970	990	970	975	↑ 5	1,793,300	0	

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sejak : 01 - Desember - 2016

sampai : 30 - Desember - 2016

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2016	2,820	2,820	2,860	2,750	2,750	↓ 70	5,091,500	+ 182,900	
29-12-2016	2,690	2,700	2,860	2,690	2,820	↑ 130	9,971,300	- 21,600	
28-12-2016	2,700	2,700	2,740	2,690	2,690	↓ 10	2,740,800	- 7,600	
27-12-2016	2,640	2,640	2,740	2,640	2,700	↑ 60	3,204,600	+ 117,000	
23-12-2016	2,680	2,690	2,740	2,590	2,640	↓ 40	4,377,100	+ 23,900	
22-12-2016	2,800	2,850	2,850	2,630	2,680	↓ 120	8,116,600	+ 5,400	
21-12-2016	2,820	2,820	2,880	2,780	2,800	↓ 20	4,825,200	- 152,500	
20-12-2016	2,820	2,830	2,980	2,810	2,820	0	23,501,000	- 486,200	
19-12-2016	2,780	2,780	2,850	2,780	2,820	↑ 40	4,635,600	- 37,800	
16-12-2016	2,780	2,790	2,820	2,760	2,780	0	1,479,300	+ 106,100	
15-12-2016	2,800	2,810	2,860	2,750	2,780	↓ 20	4,864,600	+ 90,200	
14-12-2016	2,690	2,700	2,900	2,680	2,800	↑ 110	17,571,100	+ 214,800	
13-12-2016	2,770	2,770	2,780	2,680	2,690	↓ 80	5,212,000	+ 10,100	
09-12-2016	2,850	2,850	2,880	2,760	2,770	↓ 80	5,702,200	- 5,000	
08-12-2016	2,850	2,850	2,910	2,820	2,850	0	11,705,200	+ 125,300	
07-12-2016	2,880	2,880	2,970	2,810	2,850	↓ 30	24,347,200	+ 391,000	
06-12-2016	2,600	2,610	2,930	2,590	2,880	↑ 280	60,201,400	- 892,600	
05-12-2016	2,670	2,670	2,730	2,580	2,600	↓ 70	15,529,400	+ 62,000	
02-12-2016	2,690	2,690	2,730	2,670	2,670	↓ 20	4,239,100	- 115,600	
01-12-2016	2,730	2,740	2,820	2,680	2,690	↓ 40	15,534,500	+ 270,800	

Kode Saham : GO Bulan : Desember Tahun : 2017 GO

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Sektor : **INDUSTRI BARANG KONSUMSI** > Farmasi

sejak : 04 - Desember - 2017

sampai : 29 - Desember - 2017

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
29-12-2017	2,510	2,540	2,700	2,500	2,700	↑ 190	7,285,700	+ 18,600	
28-12-2017	2,500	2,520	2,620	2,490	2,510	↑ 10	2,716,300	0	
27-12-2017	2,560	2,580	2,590	2,450	2,500	↓ 60	2,304,600	+ 13,300	
22-12-2017	2,590	2,610	2,780	2,560	2,560	↓ 30	9,863,700	+ 19,300	
21-12-2017	2,560	2,580	2,650	2,560	2,590	↑ 30	2,369,800	- 39,700	
20-12-2017	2,580	2,580	2,610	2,480	2,560	↓ 20	1,436,400	+ 22,300	
19-12-2017	2,600	2,620	2,650	2,580	2,580	↓ 20	1,660,300	0	
18-12-2017	2,650	2,690	2,710	2,590	2,600	↓ 50	890,200	- 18,400	
15-12-2017	2,660	2,670	2,780	2,640	2,650	↓ 10	2,525,600	- 24,100	
14-12-2017	2,600	2,600	2,700	2,560	2,660	↑ 60	2,631,500	0	
13-12-2017	2,620	2,650	2,750	2,600	2,600	↓ 20	3,629,700	- 318,400	
12-12-2017	2,520	2,520	2,700	2,520	2,620	↑ 100	10,436,500	+ 13,000	
11-12-2017	2,670	2,710	2,750	2,490	2,520	↓ 150	1,395,700	0	
08-12-2017	2,740	2,760	2,880	2,630	2,670	↓ 70	5,867,500	+ 136,100	
07-12-2017	2,270	2,270	2,830	2,260	2,740	↑ 470	11,192,600	- 209,600	
06-12-2017	2,150	2,200	2,360	2,120	2,270	↑ 120	3,483,700	+ 74,200	
05-12-2017	2,250	2,250	2,280	2,140	2,150	↓ 100	326,700	- 900	
04-12-2017	2,270	2,300	2,320	2,250	2,250	↓ 20	152,000	- 9,600	

Kode Saham : GO Bulan : Desember Tahun : 2012 GO

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 03 - Desember - 2012

sampai : 28 - Desember - 2012

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
28-12-2012	1,030	1,040	1,060	1,020	1,060	↑ 30	119,191,000	- 16,069,000	
27-12-2012	1,030	1,020	1,040	1,010	1,030	0	87,564,000	- 54,083,000	
26-12-2012	1,040	1,040	1,040	1,010	1,030	↓ 10	46,464,000	- 18,362,000	
21-12-2012	1,010	1,010	1,060	1,010	1,040	↑ 30	107,515,500	- 44,531,500	
20-12-2012	1,020	1,020	1,030	1,010	1,010	↓ 10	55,999,500	- 6,020,000	
19-12-2012	1,030	1,020	1,030	980	1,020	↓ 10	92,719,000	- 31,096,000	
18-12-2012	1,070	1,090	1,090	1,000	1,030	↓ 40	94,369,500	- 36,035,500	
17-12-2012	1,120	1,110	1,120	1,050	1,070	↓ 50	64,478,500	- 24,960,500	
14-12-2012	1,130	1,120	1,140	1,110	1,120	↓ 10	57,754,000	- 31,372,000	
13-12-2012	1,110	1,100	1,150	1,100	1,130	↑ 20	104,663,000	- 64,482,500	
12-12-2012	1,110	1,110	1,130	1,100	1,110	0	81,950,000	- 14,274,500	
11-12-2012	1,040	1,050	1,110	1,050	1,110	↑ 70	80,943,500	- 5,016,000	
10-12-2012	1,040	1,040	1,050	1,030	1,040	0	70,522,500	- 41,174,000	
07-12-2012	1,040	1,040	1,050	1,030	1,040	0	50,499,500	- 15,698,500	
06-12-2012	1,040	1,040	1,050	1,030	1,040	0	43,879,000	- 5,956,500	
05-12-2012	1,040	1,030	1,050	1,020	1,040	0	82,187,500	- 23,093,000	
04-12-2012	1,010	1,010	1,040	1,000	1,040	↑ 30	87,262,500	+ 15,028,000	
03-12-2012	1,030	1,020	1,030	1,000	1,010	↓ 20	91,134,000	- 55,753,500	

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 02 - Desember - 2013

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Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2013	1,240	1,250	1,250	1,220	1,250	↑ 10	55,130,000	+ 14,294,763	
27-12-2013	1,220	1,230	1,250	1,220	1,240	↑ 20	19,654,500	+ 2,198,500	
24-12-2013	1,200	1,200	1,230	1,200	1,220	↑ 20	19,998,500	+ 3,213,500	
23-12-2013	1,200	1,200	1,220	1,180	1,200	0	55,388,000	+ 6,693,000	
20-12-2013	1,250	1,250	1,250	1,200	1,200	↓ 50	38,789,500	- 15,639,000	
19-12-2013	1,210	1,220	1,250	1,220	1,250	↑ 40	68,549,000	+ 27,475,000	
18-12-2013	1,200	1,220	1,240	1,200	1,210	↑ 10	52,635,000	+ 10,434,500	
17-12-2013	1,200	1,210	1,240	1,200	1,200	0	80,432,500	+ 38,473,500	
16-12-2013	1,190	1,190	1,210	1,160	1,200	↑ 10	55,327,000	- 1,842,000	
13-12-2013	1,200	1,210	1,220	1,190	1,190	↓ 10	47,824,500	+ 2,547,500	
12-12-2013	1,220	1,220	1,220	1,200	1,200	↓ 20	49,538,000	+ 910,500	
11-12-2013	1,230	1,240	1,250	1,210	1,220	↓ 10	72,413,500	+ 28,113,500	
10-12-2013	1,180	1,190	1,230	1,180	1,230	↑ 50	89,716,000	+ 19,614,500	
09-12-2013	1,180	1,200	1,200	1,160	1,180	0	59,422,000	- 10,202,500	
06-12-2013	1,220	1,220	1,220	1,170	1,180	↓ 40	102,035,500	- 39,512,000	
05-12-2013	1,220	1,240	1,240	1,210	1,220	0	45,004,000	- 5,340,000	
04-12-2013	1,220	1,220	1,250	1,220	1,220	0	57,758,500	- 8,146,000	
03-12-2013	1,240	1,240	1,250	1,220	1,220	↓ 20	28,724,000	- 22,124,000	
02-12-2013	1,220	1,240	1,260	1,220	1,240	↑ 20	73,590,500	- 7,942,500	

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Sektor : **INDUSTRI BARANG KONSUMSI** > Farmasi

sejak : 01 - Desember - 2014

sampai : 30 - Desember - 2014

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2014	1,830	1,830	1,835	1,805	1,830	0	62,379,000	- 16,651,711	
29-12-2014	1,830	1,810	1,835	1,810	1,830	0	28,946,300	+ 958,120	
24-12-2014	1,820	1,820	1,830	1,810	1,830	↑ 10	13,600,700	- 1,772,400	
23-12-2014	1,825	1,825	1,830	1,805	1,820	↓ 5	19,436,500	- 2,041,576	
22-12-2014	1,800	1,800	1,830	1,800	1,825	↑ 25	32,419,500	+ 10,034,264	
19-12-2014	1,775	1,785	1,800	1,760	1,800	↑ 25	42,321,500	+ 6,932,300	
18-12-2014	1,725	1,740	1,775	1,735	1,775	↑ 50	36,499,000	+ 7,492,060	
17-12-2014	1,740	1,740	1,750	1,725	1,725	↓ 15	60,453,400	- 43,066,668	
16-12-2014	1,800	1,775	1,780	1,735	1,740	↓ 60	72,531,300	- 32,078,121	
15-12-2014	1,775	1,765	1,800	1,760	1,800	↑ 25	37,954,400	+ 56,716,750	
12-12-2014	1,770	1,770	1,800	1,770	1,775	↑ 5	35,168,300	+ 10,921,740	
11-12-2014	1,770	1,765	1,795	1,750	1,770	0	33,807,100	+ 5,093,400	
10-12-2014	1,725	1,740	1,770	1,735	1,770	↑ 45	42,088,800	+ 16,928,000	
09-12-2014	1,725	1,715	1,755	1,715	1,725	0	37,745,800	- 6,282,384	
08-12-2014	1,780	1,790	1,800	1,715	1,725	↓ 55	46,346,300	- 6,848,800	
05-12-2014	1,800	1,800	1,810	1,775	1,780	↓ 20	23,026,000	- 5,304,100	
04-12-2014	1,830	1,830	1,830	1,800	1,800	↓ 30	31,958,000	- 3,294,700	
03-12-2014	1,795	1,800	1,835	1,795	1,830	↑ 35	37,468,400	+ 11,647,000	
02-12-2014	1,765	1,770	1,800	1,765	1,795	↑ 30	37,208,600	+ 30,357,200	
01-12-2014	1,750	1,750	1,765	1,745	1,765	↑ 15	25,608,000	+ 559,500	

Kode Saham : GO Bulan : Desember Tahun : 2015 GO

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Sektor : **INDUSTRI BARANG KONSUMSI** > Farmasi

sejak : 01 - Desember - 2015

sampai : 30 - Desember - 2015

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Det
30-12-2015	1,295	1,285	1,325	1,285	1,320	↑ 25	45,584,500	- 9,829,700	
29-12-2015	1,255	1,245	1,295	1,240	1,295	↑ 40	29,713,100	+ 8,893,900	
28-12-2015	1,245	1,245	1,275	1,245	1,255	↑ 10	45,953,400	+ 6,782,100	
23-12-2015	1,275	1,275	1,275	1,225	1,245	↓ 30	43,454,100	+ 12,430,700	
22-12-2015	1,275	1,275	1,280	1,255	1,275	0	50,771,100	+ 18,314,500	
21-12-2015	1,290	1,275	1,295	1,275	1,275	↓ 15	28,575,400	- 397,244	
18-12-2015	1,300	1,290	1,315	1,275	1,290	↓ 10	50,665,700	+ 7,965,700	
17-12-2015	1,240	1,270	1,300	1,250	1,300	↑ 60	40,772,600	+ 21,079,100	
16-12-2015	1,235	1,245	1,265	1,235	1,240	↑ 5	30,078,100	+ 2,501,200	
15-12-2015	1,245	1,240	1,260	1,230	1,235	↓ 10	47,692,600	+ 8,574,622	
14-12-2015	1,225	1,215	1,250	1,210	1,245	↑ 20	53,604,600	+ 15,347,764	
11-12-2015	1,185	1,200	1,240	1,200	1,225	↑ 40	107,764,200	+ 26,560,413	
10-12-2015	1,245	1,255	1,255	1,135	1,185	↓ 60	173,525,500	- 16,697,862	
08-12-2015	1,280	1,265	1,320	1,235	1,245	↓ 35	64,547,200	- 24,894,646	
07-12-2015	1,310	1,330	1,330	1,275	1,280	↓ 30	46,861,900	- 17,860,400	
04-12-2015	1,350	1,345	1,345	1,300	1,310	↓ 40	51,070,700	- 17,265,315	
03-12-2015	1,360	1,355	1,360	1,345	1,350	↓ 10	25,835,800	- 2,670,100	
02-12-2015	1,390	1,385	1,390	1,360	1,360	↓ 30	34,926,000	- 4,679,800	
01-12-2015	1,335	1,365	1,390	1,350	1,390	↑ 55	43,013,000	+ 11,497,443	

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sejak : 01 - Desember - 2016

sampai : 30 - Desember - 2016

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.
30-12-2016	1,555	1,570	1,575	1,515	1,515	↓ 40	48,879,900	+ 1,879,800
29-12-2016	1,535	1,520	1,565	1,505	1,555	↑ 20	27,291,400	+ 2,630,900
28-12-2016	1,465	1,485	1,540	1,485	1,535	↑ 70	17,917,400	+ 6,480,700
27-12-2016	1,440	1,420	1,485	1,420	1,465	↑ 25	16,046,100	- 5,845,700
23-12-2016	1,430	1,425	1,455	1,425	1,440	↑ 10	20,376,500	+ 1,729,900
22-12-2016	1,455	1,430	1,440	1,410	1,430	↓ 25	25,115,300	- 2,636,400
21-12-2016	1,465	1,485	1,485	1,450	1,455	↓ 10	25,960,200	- 5,319,700
20-12-2016	1,460	1,450	1,480	1,440	1,465	↑ 5	13,872,900	+ 2,260,600
19-12-2016	1,530	1,530	1,535	1,460	1,460	↓ 70	17,045,700	- 9,688,600
16-12-2016	1,530	1,570	1,570	1,525	1,530	0	40,495,600	- 1,121,100
15-12-2016	1,535	1,520	1,535	1,505	1,530	↓ 5	18,429,600	- 4,899,500
14-12-2016	1,545	1,555	1,555	1,525	1,535	↓ 10	17,074,800	- 5,526,200
13-12-2016	1,575	1,575	1,575	1,525	1,545	↓ 30	31,690,700	- 12,130,600
09-12-2016	1,585	1,585	1,585	1,555	1,575	↓ 10	16,635,300	- 2,784,400
08-12-2016	1,570	1,570	1,585	1,545	1,585	↑ 15	29,400,000	- 4,190,300
07-12-2016	1,570	1,570	1,580	1,540	1,570	0	18,795,000	- 1,807,000
06-12-2016	1,525	1,545	1,570	1,530	1,570	↑ 45	24,492,700	- 2,025,500
05-12-2016	1,540	1,560	1,560	1,525	1,525	↓ 15	29,726,600	- 1,082,900
02-12-2016	1,590	1,560	1,570	1,520	1,540	↓ 50	60,119,700	- 27,483,500
01-12-2016	1,500	1,510	1,590	1,505	1,590	↑ 90	56,356,900	+ 15,995,600

Kode Saham : GO Bulan : Desember Tahun : 2017 GO

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sejak : 04 - Desember - 2017

sampai : 29 - Desember - 2017

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
29-12-2017	1,685	1,670	1,700	1,670	1,690	↑ 5	40,084,400	+ 11,027,243	
28-12-2017	1,685	1,685	1,690	1,655	1,685	0	23,078,400	+ 7,240,000	
27-12-2017	1,650	1,650	1,685	1,645	1,685	↑ 35	13,398,400	+ 1,854,200	
22-12-2017	1,645	1,645	1,665	1,640	1,650	↑ 5	15,280,100	+ 4,607,300	
21-12-2017	1,675	1,685	1,685	1,640	1,645	↓ 30	16,241,700	- 2,659,700	
20-12-2017	1,685	1,685	1,690	1,640	1,675	↓ 10	30,894,000	+ 4,650,400	
19-12-2017	1,685	1,685	1,700	1,675	1,685	0	30,166,900	+ 26,065,800	
18-12-2017	1,665	1,660	1,690	1,660	1,685	↑ 20	17,557,500	+ 12,565,000	
15-12-2017	1,695	1,690	1,690	1,660	1,665	↓ 30	33,744,600	- 2,692,665	
14-12-2017	1,660	1,660	1,700	1,655	1,695	↑ 35	26,765,300	+ 11,895,500	
13-12-2017	1,655	1,660	1,660	1,640	1,660	↑ 5	9,217,600	- 401,600	
12-12-2017	1,640	1,650	1,655	1,650	1,655	↑ 15	17,726,800	- 179,000	
11-12-2017	1,675	1,680	1,680	1,640	1,640	↓ 35	19,634,600	+ 1,372,800	
08-12-2017	1,655	1,660	1,675	1,655	1,675	↑ 20	22,959,800	+ 11,725,200	
07-12-2017	1,645	1,640	1,660	1,635	1,655	↑ 10	12,607,200	+ 4,002,600	
06-12-2017	1,610	1,610	1,645	1,610	1,645	↑ 35	10,990,300	+ 5,917,000	
05-12-2017	1,610	1,625	1,625	1,605	1,610	0	15,362,400	+ 6,795,000	
04-12-2017	1,600	1,605	1,630	1,600	1,610	↑ 10	33,136,000	+ 17,849,284	

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Sektor : **INDUSTRI BARANG KONSUMSI** > **Farmasi**

sejak : 03 - Desember - 2012

sampai : 28 - Desember - 2012

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
28-12-2012	152,000	152,000	152,000	152,000	152,000	0	0	0	
27-12-2012	152,000	152,000	152,000	152,000	152,000	0	0	0	
26-12-2012	152,000	152,000	152,000	152,000	152,000	0	0	0	
21-12-2012	152,000	152,000	152,000	152,000	152,000	0	0	0	
20-12-2012	152,000	152,000	152,000	152,000	152,000	0	0	0	
19-12-2012	152,000	152,000	152,000	152,000	152,000	0	500	0	
18-12-2012	150,000	152,000	152,000	152,000	152,000	↑2,000	500	0	
17-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
14-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
13-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
12-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
11-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
10-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
07-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
06-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
05-12-2012	150,000	150,000	150,000	150,000	150,000	0	0	0	
04-12-2012	147,000	150,000	150,000	150,000	150,000	↑3,000	500	0	
03-12-2012	147,000	147,000	147,000	147,000	147,000	0	0	0	

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sejak : 02 - Desember - 2013

sampai : 30 - Desember - 2013

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2013	180,000	189,000	189,000	189,000	189,000	↑9,000	500	0	
27-12-2013	180,000	180,000	180,000	180,000	180,000	0	0	0	
24-12-2013	180,000	180,000	180,000	180,000	180,000	0	0	0	
23-12-2013	180,000	180,000	180,000	180,000	180,000	0	0	0	
20-12-2013	180,000	180,000	180,000	180,000	180,000	0	0	0	
19-12-2013	180,000	179,950	180,000	179,950	180,000	0	1,500	0	
18-12-2013	179,000	180,000	180,000	180,000	180,000	↑1,000	500	0	
17-12-2013	182,000	170,000	179,000	170,000	179,000	↓3,000	3,000	0	
16-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
13-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
12-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
11-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
10-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
09-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
06-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
05-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
04-12-2013	182,000	182,000	182,000	182,000	182,000	0	0	0	
03-12-2013	178,000	182,000	182,000	182,000	182,000	↑4,000	500	0	
02-12-2013	178,000	178,000	178,000	178,000	178,000	0	0	0	

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sejak : 01 - Desember - 2014

sampai : 30 - Desember - 2014

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2014	160,000	160,000	160,000	160,000	160,000	0	0	0	
29-12-2014	160,000	160,000	160,000	160,000	160,000	0	0	0	
24-12-2014	160,000	160,000	160,000	160,000	160,000	0	0	0	
23-12-2014	160,000	160,000	160,000	160,000	160,000	0	0	0	
22-12-2014	160,000	160,000	160,000	160,000	160,000	0	0	0	
19-12-2014	160,000	160,000	160,000	160,000	160,000	0	100	0	
18-12-2014	169,000	153,500	160,000	151,000	160,000	↓ 9,000	2,600	0	
17-12-2014	169,000	169,000	169,000	169,000	169,000	0	0	0	
16-12-2014	169,000	169,000	169,000	169,000	169,000	0	0	0	
15-12-2014	157,000	169,000	169,000	169,000	169,000	↑ 12,000	100	0	
12-12-2014	157,000	157,000	157,000	157,000	157,000	0	0	0	
11-12-2014	157,000	157,000	157,000	157,000	157,000	0	100	0	
10-12-2014	160,000	157,000	157,000	157,000	157,000	↓ 3,000	100	0	
09-12-2014	160,000	160,000	160,000	160,000	160,000	0	0	0	
08-12-2014	161,000	153,000	160,000	153,000	160,000	↓ 1,000	900	0	
05-12-2014	158,000	161,000	161,000	161,000	161,000	↑ 3,000	200	0	
04-12-2014	169,900	156,000	165,000	150,000	158,000	↓ 11,900	6,600	0	
03-12-2014	169,900	169,900	169,900	169,900	169,900	0	0	0	
02-12-2014	169,900	169,900	169,900	169,900	169,900	0	0	0	
01-12-2014	169,900	169,900	169,900	169,900	169,900	0	0	0	

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sejak : 01 - Desember - 2015

sampai : 30 - Desember - 2015

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2015	6,775	7,000	7,000	6,725	6,775	0	22,100	0	
29-12-2015	6,800	6,775	6,775	6,775	6,775	↓ 25	8,300	0	
28-12-2015	6,775	6,825	6,825	6,750	6,800	↑ 25	3,900	0	
23-12-2015	6,500	6,500	6,775	6,500	6,775	↑ 275	4,600	0	
22-12-2015	6,700	6,900	6,900	6,500	6,500	↓ 200	8,600	0	
21-12-2015	6,500	7,000	7,000	6,500	6,700	↑ 200	20,200	0	
18-12-2015	130,000	130,000	130,250	130,000	130,250	↑ 250	200	0	
17-12-2015	129,000	130,000	130,000	130,000	130,000	↑ 1,000	4,000	0	
16-12-2015	129,000	129,000	129,000	129,000	129,000	0	100	0	
15-12-2015	128,000	128,500	129,000	128,500	129,000	↑ 1,000	21,000	0	
14-12-2015	128,000	128,000	128,000	128,000	128,000	0	0	0	
11-12-2015	128,000	128,000	128,000	128,000	128,000	0	0	0	
10-12-2015	128,000	128,000	128,000	128,000	128,000	0	100	0	
08-12-2015	128,000	128,000	128,000	128,000	128,000	0	0	0	
07-12-2015	128,000	128,000	128,000	128,000	128,000	0	0	0	
04-12-2015	128,000	128,000	128,000	128,000	128,000	0	0	0	
03-12-2015	128,500	128,500	128,500	128,000	128,000	↓ 500	21,400	- 100	
02-12-2015	128,500	128,500	128,500	128,500	128,500	0	0	0	
01-12-2015	128,500	128,500	128,500	128,500	128,500	0	0	0	

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sejak : 01 - Desember - 2016

sampai : 30 - Desember - 2016

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2016	9,200	9,200	9,200	9,200	9,200	0	0	0	
29-12-2016	9,200	9,200	9,200	9,000	9,200	0	13,100	0	
28-12-2016	9,000	9,200	9,200	9,200	9,200	↑ 200	100	0	
27-12-2016	9,000	9,000	9,000	9,000	9,000	0	0	0	
23-12-2016	9,000	9,000	9,000	9,000	9,000	0	0	0	
22-12-2016	9,000	9,000	9,000	9,000	9,000	0	700	0	
21-12-2016	8,900	9,000	9,000	9,000	9,000	↑ 100	200	0	
20-12-2016	9,100	9,100	9,100	8,900	8,900	↓ 200	1,900	0	
19-12-2016	9,100	9,100	9,100	9,100	9,100	0	0	0	
16-12-2016	9,100	9,100	9,100	9,000	9,100	0	32,100	0	
15-12-2016	9,200	9,100	9,200	9,100	9,100	↓ 100	9,700	0	
14-12-2016	9,200	9,100	9,200	9,100	9,200	0	900	0	
13-12-2016	9,200	9,200	9,200	9,200	9,200	0	0	0	
09-12-2016	9,200	9,200	9,200	9,200	9,200	0	0	0	
08-12-2016	9,225	9,150	9,200	9,150	9,200	↓ 25	1,800	0	
07-12-2016	9,050	9,150	9,225	9,150	9,225	↑ 175	5,500	0	
06-12-2016	9,000	9,100	9,100	9,050	9,050	↑ 50	3,800	0	
05-12-2016	9,100	8,900	9,100	8,900	9,000	↓ 100	2,200	0	
02-12-2016	9,100	9,100	9,100	9,100	9,100	0	10,000	0	
01-12-2016	9,100	9,100	9,100	9,100	9,100	0	100	0	

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 04 - Desember - 2017

sampai : 29 - Desember - 2017

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
29-12-2017	8,500	8,500	8,500	8,475	8,500	0	2,900	0	
28-12-2017	8,500	8,500	8,500	8,500	8,500	0	0	0	
27-12-2017	8,400	8,500	8,500	8,500	8,500	↑ 100	500	0	
22-12-2017	8,400	8,400	8,400	8,400	8,400	0	0	0	
21-12-2017	8,400	8,400	8,400	8,400	8,400	0	0	0	
20-12-2017	8,400	8,400	8,400	8,400	8,400	0	8,700	0	
19-12-2017	8,400	8,350	8,400	8,350	8,400	0	3,100	0	
18-12-2017	8,400	8,400	8,400	8,400	8,400	0	300	0	
15-12-2017	8,400	8,400	8,400	8,400	8,400	0	11,700	0	
14-12-2017	8,400	8,400	8,400	8,400	8,400	0	0	0	
13-12-2017	8,400	8,400	8,400	8,400	8,400	0	0	0	
12-12-2017	8,400	8,400	8,400	8,400	8,400	0	2,200	0	
11-12-2017	8,400	8,400	8,400	8,400	8,400	0	20,000	0	
08-12-2017	8,400	8,400	8,400	8,400	8,400	0	0	0	
07-12-2017	8,400	8,600	8,700	8,400	8,400	0	10,900	0	
06-12-2017	8,500	8,500	8,500	8,400	8,400	↓ 100	4,600	0	
05-12-2017	8,450	8,400	8,500	8,400	8,500	↑ 50	1,500	0	
04-12-2017	8,450	8,400	8,450	8,400	8,450	0	4,000	0	

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sejak : 03 - Desember - 2012

sampai : 28 - Desember - 2012

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
28-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
27-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
26-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
21-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
20-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
19-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
18-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
17-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
14-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
13-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
12-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
11-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
10-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
07-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
06-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
05-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
04-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	
03-12-2012	10,500	10,500	10,500	10,500	10,500	0	0	0	

Kode Saham : GO Bulan : Desember Tahun : 2013 GO

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sejak : 02 - Desember - 2013

sampai : 30 - Desember - 2013

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
27-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
24-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
23-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
20-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
19-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
18-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
17-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
16-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
13-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
12-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
11-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
10-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
09-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
06-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
05-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
04-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
03-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	
02-12-2013	10,500	10,500	10,500	10,500	10,500	0	0	0	

Kode Saham : GO Bulan : Desember Tahun : 2014 GO

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Sektor : [INDUSTRI BARANG KONSUMSI](#) > [Farmasi](#)

sejak : 01 - Desember - 2014

sampai : 30 - Desember - 2014

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
29-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
24-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
23-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
22-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
19-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
18-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
17-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
16-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
15-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
12-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
11-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
10-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
09-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
08-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
05-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
04-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
03-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
02-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	
01-12-2014	10,500	10,500	10,500	10,500	10,500	0	0	0	

Kode Saham : GO Bulan : Desember Tahun : 2015 GO

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sejak : 01 - Desember - 2015

sampai : 30 - Desember - 2015

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
29-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
28-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
23-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
22-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
21-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
18-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
17-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
16-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
15-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
14-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
11-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
10-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
08-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
07-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
04-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
03-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
02-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	
01-12-2015	10,500	10,500	10,500	10,500	10,500	0	0	0	

Kode Saham : GO Bulan : Desember Tahun : 2016

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 01 - Desember - 2016

sampai : 30 - Desember - 2016

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
30-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
29-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
28-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
27-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
23-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
22-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
21-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
20-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
19-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
16-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
15-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
14-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
13-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
09-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
08-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
07-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
06-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
05-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
02-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	
01-12-2016	10,500	10,500	10,500	10,500	10,500	0	0	0	

Kode Saham : GO Bulan : Desember Tahun : 2017

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Sektor : INDUSTRI BARANG KONSUMSI > Farmasi

sejak : 04 - Desember - 2017

sampai : 29 - Desember - 2017

Date	Prev	Open	High	Low	Close	Change	Volume	Foreign Vol.	Detail
29-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
28-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
27-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
22-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
21-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
20-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
19-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
18-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
15-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
14-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
13-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
12-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
11-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
08-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
07-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
06-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
05-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	
04-12-2017	10,500	10,500	10,500	10,500	10,500	0	0	0	

Lampiran VI : Tabel Uji Chi-Square (χ^2)

Titik Persentase Distribusi Chi-Square (χ^2) untuk d.f. = 1 - 30

d.f	$\chi^2_{.05}$	$\chi^2_{.025}$	$\chi^2_{.01}$	$\chi^2_{.005}$
1	3.841	5.024	6.635	7.879
2	5.991	7.378	9.210	10.597
3	7.815	9.348	11.345	12.838
4	9.488	11.143	13.277	14.860
5	11.070	12.832	15.086	16.750
6	12.592	14.449	16.812	18.548
7	14.067	16.013	18.475	20.278
8	15.507	17.535	20.090	21.955
9	16.919	19.023	21.666	23.589
10	18.307	20.483	23.209	25.188
11	19.675	21.920	24.725	26.757
12	21.026	23.337	26.217	28.300
13	22.362	24.736	27.688	29.819
14	23.685	26.119	29.141	31.319
15	24.996	27.488	30.578	32.801
16	26.296	28.845	32.000	34.267
17	27.587	30.191	33.409	35.718
18	28.869	31.526	34.805	37.156
19	30.144	32.852	36.191	38.582
20	31.410	34.170	37.566	39.997
21	32.671	35.479	38.932	41.401
22	33.924	36.781	40.289	42.796
23	35.172	38.076	41.638	44.181
24	36.415	39.364	42.980	45.558
25	37.652	40.646	44.314	46.928
26	38.885	41.923	45.642	48.290
27	40.113	43.194	46.963	49.645
28	41.337	44.461	48.278	50.993
29	42.557	45.722	49.588	52.336
30	43.773	46.979	50.892	53.672

Lampiran VII :Tabel Durbin Watson (DW) $\alpha = 0,05$

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	1.4002								
7	0.6996	1.3564	0.4672	1.8964						
8	0.7629	1.3324	0.5591	1.7771	0.3674	2.2866				
9	0.8243	1.3199	0.6291	1.6993	0.4548	2.1282	0.2957	2.5881		
10	0.8791	1.3197	0.6972	1.6413	0.5253	2.0163	0.3760	2.4137	0.2427	2.8217
11	0.9273	1.3241	0.7580	1.6044	0.5948	1.9280	0.4441	2.2833	0.3155	2.6446
12	0.9708	1.3314	0.8122	1.5794	0.6577	1.8640	0.5120	2.1766	0.3796	2.5061
13	1.0097	1.3404	0.8612	1.5621	0.7147	1.8159	0.5745	2.0943	0.4445	2.3897
14	1.0450	1.3503	0.9054	1.5507	0.7667	1.7788	0.6321	2.0296	0.5052	2.2959
15	1.0770	1.3605	0.9455	1.5432	0.8140	1.7501	0.6852	1.9774	0.5620	2.2198
16	1.1062	1.3709	0.9820	1.5386	0.8572	1.7277	0.7340	1.9351	0.6150	2.1567
17	1.1330	1.3812	1.0154	1.5361	0.8968	1.7101	0.7790	1.9005	0.6641	2.1041
18	1.1576	1.3913	1.0461	1.5353	0.9331	1.6961	0.8204	1.8719	0.7098	2.0600
19	1.1804	1.4012	1.0743	1.5355	0.9666	1.6851	0.8588	1.8482	0.7523	2.0226
20	1.2015	1.4107	1.1004	1.5367	0.9976	1.6763	0.8943	1.8283	0.7918	1.9908
21	1.2212	1.4200	1.1246	1.5385	1.0262	1.6694	0.9272	1.8116	0.8286	1.9635
22	1.2395	1.4289	1.1471	1.5408	1.0529	1.6640	0.9578	1.7974	0.8629	1.9400
23	1.2567	1.4375	1.1682	1.5435	1.0778	1.6597	0.9864	1.7855	0.8949	1.9196
24	1.2728	1.4458	1.1878	1.5464	1.1010	1.6565	1.0131	1.7753	0.9249	1.9018
25	1.2879	1.4537	1.2063	1.5495	1.1228	1.6540	1.0381	1.7666	0.9530	1.8863
26	1.3022	1.4614	1.2236	1.5528	1.1432	1.6523	1.0616	1.7591	0.9794	1.8727
27	1.3157	1.4688	1.2399	1.5562	1.1624	1.6510	1.0836	1.7527	1.0042	1.8608
28	1.3284	1.4759	1.2553	1.5596	1.1805	1.6503	1.1044	1.7473	1.0276	1.8502
29	1.3405	1.4828	1.2699	1.5631	1.1976	1.6499	1.1241	1.7426	1.0497	1.8409
30	1.3520	1.4894	1.2837	1.5666	1.2138	1.6498	1.1426	1.7386	1.0706	1.8326
31	1.3630	1.4957	1.2969	1.5701	1.2292	1.6500	1.1602	1.7352	1.0904	1.8252
32	1.3734	1.5019	1.3093	1.5736	1.2437	1.6505	1.1769	1.7323	1.1092	1.8187
33	1.3834	1.5078	1.3212	1.5770	1.2576	1.6511	1.1927	1.7298	1.1270	1.8128
34	1.3929	1.5136	1.3325	1.5805	1.2707	1.6519	1.2078	1.7277	1.1439	1.8076
35	1.4019	1.5191	1.3433	1.5838	1.2833	1.6528	1.2221	1.7259	1.1601	1.8029

