

P.B. FARMASI & ALAT KESEHATAN  
**P.T. "SUMBER SEHAT"**

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INK BUMI DAYA  
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IJIN P.B.F. NO. 33018 / PBF / II / 1991  
IJIN PBAK NO. 3252 / PBAK / 80 / 84

**SURAT KETERANGAN**

Nomor : Pemb.032/SS/XI/1998

Yang bertanda tangan dibawah ini, menerangkan bahwa :

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telah melakukan survey pada P.T. SUMBER SEHAT – Semarang untuk keperluan skripsi dengan judul :

**PROSPEK KINERJA KEUANGAN BERDASARKAN ANALISIS RASIO  
(STUDI KASUS PADA P.T. SUMBER SEHAT SEMARANG)**

Demikian Surat Keterangan ini kami sampaikan agar dapat dipergunakan sebagaimana mestinya.

Semarang, 19 Nopember 1998

**P.T. SUMBER SEHAT**

Jl. Plampitan No. 50

**SEMARANG**

Sujono Hindarto  
Direktur

Lampiran 1. Perhitungan Analisis Trend Komponen Laba Rugi dan Neraca

1. Trend Penjualan dengan Model Kuadratik

Tahun	Y	X	XY	X <sup>2</sup>	X <sup>2</sup> Y	X <sup>4</sup>
1993	11,620,498,128.00	-2	(23,240,996,256.00)	4	46,481,992,512.00	16
1994	11,920,465,338.12	-1	(11,920,465,338.12)	1	11,920,465,338.12	1
1995	10,679,248,409.00	0	0.00	0	0.00	0
1996	10,077,947,218.00	1	10,077,947,218.00	1	10,077,947,218.00	1
1997	9,393,459,289.00	2	18,786,918,578.00	4	37,573,837,156.00	16
Total	53,691,618,382.12	0	(6,296,595,798.12)	10	106,054,242,224.12	34

$$c = \frac{5 (106054242224.12) - 10 (53691618382.12)}{5 (34) - 100}$$

$$= (94,928,181.44)$$

$$a = \frac{53,691,618,382.12 - 94,928,181.44 (10)}{5}$$

$$= 10,928,180,039.30$$

$$b = \frac{-6,296,595,798.12}{10}$$

$$= (629,659,579.81)$$

$$Y'_{98} = 10,928,180,039.30 - 629,659,579.81(3) - 94,928,181.44 (9)$$

$$Y'_{98} = 8,184,847,666.93$$

## 2. Pembelian

Tahun	Y	$\Delta Y$
1993	90.04%	0
1994	83.02%	-7.80%
1995	81.15%	-2.25%
1996	80.25%	-1.11%
1997	86.52%	7.81%
Total		-3.34%

$$Y = 3,34\% / 4 = 0.84\%$$
$$\% Y' = 86.52\% - (86.52\% \times 0.84\%) = 85.79\%$$
$$Y'_{98} = 85.79\% \times 8,184,847,666.93$$
$$= 7,022,045,347.73$$

## 3. Persediaan Akhir

Tahun	Y	$\Delta Y$
1993	5.37%	0
1994	6.10%	13.59%
1995	4.44%	-27.21%
1996	3.87%	-12.84%
1997	11.30%	191.99%
Total		165.53%

$$Y = 165.53\% / 4 = 41.38\%$$
$$\% Y' = 11.30\% + (11.30\% \times 41.38\%) = 15.98\%$$
$$Y'_{98} = 15.98\% \times 8,184,847,666.93$$
$$= 1,307,635,838.84$$

## 4. Biaya Penjualan

Tahun	Y	$\Delta Y$
1993	2.44%	0
1994	8.15%	234.02%
1995	3.45%	-57.67%
1996	3.98%	15.36%
1997	4.05%	1.76%
Total		193.47%

$$Y = 193.47\% / 4 = 48.37\%$$
$$\% Y' = 4.05\% + (4.05\% \times 48.37\%) = 6.01\%$$
$$Y'_{98} = 6.01\% \times 8,184,847,666.93$$
$$= 491,816,982.48$$

### 5. Biaya Administrasi dan Umum

Tahun	Y	$\Delta Y$
1993	8.52%	0
1994	9.46%	11.03%
1995	11.10%	17.34%
1996	12.50%	12.61%
1997	15.11%	20.88%
Total		61.86%

$$Y = 61.86\% / 4 = 15.47\%$$

$$\% Y' = 15.11\% + (15.11\% \times 15.47\%) = 17.45\%$$

$$Y'_{98} = 17.45\% \times 8,184,847,666.93$$

$$= 1,427,995,887.19$$

### 6. Biaya Bank

Tahun	Y	$\Delta Y$
1993	0.02%	0
1994	0.02%	0.00%
1995	0.02%	0.00%
1996	0.03%	50.00%
1997	0.02%	-33.33%
Total		16.67%

$$Y = 16.67\% / 4 = 4.17\%$$

$$\% Y' = 0.02\% + (0.02\% \times 4.17\%) = 0.02\%$$

$$Y'_{98} = 0.02\% \times 8,184,847,666.93$$

$$= 1,705,176.60$$

### 7. Premi Asuransi

Tahun	Y	$\Delta Y$
1993	0.11%	0
1994	0.16%	45.45%
1995	0.31%	93.75%
1996	0.29%	-6.45%
1997	0.26%	-10.34%
Total		122.41%

$$Y = 122.41\% / 4 = 30.60\%$$

$$\% Y' = 0.26\% + (0.26\% \times 30.60\%) = 0.34\%$$

$$Y'_{98} = 0.34\% \times 8,184,847,666.93$$

$$= 27,792,899.93$$

### 8. Pendapatan Lain-lain

Tahun	Y	$\Delta Y$
1993	1.93%	0
1994	2.54%	31.61%
1995	0.57%	-77.56%
1996	0.26%	-54.39%
1997	1.15%	342.31%
Total		241.97%

$$Y = 241.97\% / 4 = 60.49\%$$

$$\% Y' = 1.15\% + (1.15\% \times 60.49\%) = 1.85\%$$

$$Y'_{98} = 1.85\% \times 8,184,847,666.93$$

$$= 151,064,505.16$$

### 9. Total Aktiva

Tahun	Y	$\Delta Y$
1993	47.16%	0
1994	48.13%	2.07%
1995	49.91%	3.69%
1996	56.14%	12.48%
1997	76.21%	35.76%
Total		54.00%

$$Y = 54.00\% / 4 = 13.50\%$$

$$\% Y' = 76.21\% + (76.21\% \times 13.50\%) = 86.50\%$$

$$Y'_{98} = 86.50\% \times 8,184,847,666.93$$

$$= 7,080,187,542.36$$

### 10. Piutang Dagang

Tahun	Y	$\Delta Y$
1993	42.26%	0
1994	42.43%	0.40%
1995	51.36%	21.05%
1996	42.39%	-17.46%
1997	36.09%	-14.86%
Total		-10.88%

$$Y = 10.88\% / 4 = 2.72\%$$

$$\% Y' = 36.09\% - (36.09\% \times 2.72\%) = 35.11\%$$

$$Y'_{98} = 35.11\% \times 7,080,187,542.36$$

$$= 2,485,737,164.63$$

11. Pajak dibayar dimuka

Tahun	Y	$\Delta Y$
1993	4.54%	0
1994	4.69%	3.30%
1995	1.48%	-68.44%
1996	2.15%	45.27%
1997	2.24%	4.19%
Total		-15.68%

$$Y = 15.68\% / 4 = 3.92\%$$

$$\% Y' = 2.24\% - (2.24\% \times 3.92\%) = 2.15\%$$

$$Y'_{98} = 2.15\% \times 7,080,187,542.36$$

$$= 152,379,229.87$$

12. Sewa dibayar dimuka

Tahun	Y	$\Delta Y$
1993	0.36%	0
1994	0.16%	-55.56%
1995	0.34%	112.50%
1996	0.14%	-58.82%
1997	0.29%	107.14%
Total		105.26%

$$Y = 105.26\% / 4 = 26.32\%$$

$$\% Y' = 0.29\% + (0.29\% \times 26.32\%) = 0.37\%$$

$$Y'_{98} = 0.37\% \times 7,080,187,542.36$$

$$= 25,935,876.42$$

### 13. Tanah

Tahun	Y	$\Delta Y$
1993	0.78%	0
1994	0.76%	-2.56%
1995	0.73%	-3.95%
1996	0.65%	-10.96%
1997	0.48%	-26.15%
Total		-43.62%

$$Y = 43.62\% / 4 = 10.91\%$$
$$\% Y' = 0.48\% - (0.48\% \times 10.91\%) = 0.43\%$$
$$Y'_{98} = 0.43\% \times 7,080,187,542.36$$
$$= 30,277,147.59$$

### 14. Gedung / Bangunan

Tahun	Y	$\Delta Y$
1993	18.12%	0
1994	24.89%	37.36%
1995	24.00%	-3.58%
1996	21.34%	-11.08%
1997	15.72%	-26.34%
Total		-3.63%

$$Y = 3.63\% / 4 = 0.91\%$$
$$\% Y' = 15.72\% - (15.72\% \times 0.91\%) = 15.86\%$$
$$Y'_{98} = 15.86\% \times 7,080,187,542.36$$
$$= 1,123,133,831.54$$

### 15. Kendaraan

Tahun	Y	$\Delta Y$
1993	23.47%	0
1994	30.66%	30.63%
1995	31.98%	4.31%
1996	33.92%	6.07%
1997	27.50%	-18.93%
Total		22.08%

$$Y = 22.08\% / 4 = 5.52\%$$

$$\% Y' = 27.50\% + (27.50\% \times 5.52\%) = 29.02\%$$

$$Y'_{98} = 29.02\% \times 7,080,187,542.36$$

$$= 2,054,526,588.75$$

### 16. Inventaris

Tahun	Y	$\Delta Y$
1993	4.30%	0
1994	4.72%	9.77%
1995	4.74%	0.42%
1996	5.06%	6.75%
1997	5.13%	1.38%
Total		18.33%

$$Y = 18.33\% / 4 = 4.58\%$$

$$\% Y' = 5.13\% + (5.13\% \times 4.58\%) = 5.37\%$$

$$Y'_{98} = 5.37\% \times 7,080,187,542.36$$

$$= 379,853,912.21$$

### 17. Akumulasi Penyusutan

Tahun	Y	$\Delta Y$
1993	27.25%	0
1994	35.17%	29.06%
1995	38.04%	8.16%
1996	38.49%	1.18%
1997	29.87%	-22.40%
Total		16.01%

$$Y = 16.01\% / 4 = 4.00\%$$

$$\% Y' = 29.87\% + (29.87\% \times 4.00\%) = 31.07\%$$

$$Y'_{98} = 31.07\% \times 7,080,187,542.36$$

$$= 2,199,510,190.49$$



### 18. Hutang Pajak

Tahun	Y	$\Delta Y$
1993	2.00%	0
1994	2.34%	17.00%
1995	1.97%	-15.81%
1996	1.73%	-12.18%
1997	1.94%	12.14%
Total		1.14%

$$Y = 1.14\% / 4 = 0.29\%$$

$$\% Y' = 1.94\% + (1.94\% \times 0.29\%) = 1.95\%$$

$$Y'_{98} = 1.95\% \times 7,080,187,542.36 = 137,748,482.79$$

### 19. Hutang Lain-lain

Tahun	Y	$\Delta Y$
1993	11.13%	0
1994	23.03%	106.92%
1995	7.32%	-68.22%
1996	6.19%	-15.44%
1997	0.78%	-87.40%
Total		-64.13%

$$Y = 64.13\% / 4 = 16.03\%$$

$$\% Y' = 0.78\% + (0.78\% \times 16.03\%) = 0.91\%$$

$$Y'_{98} = 0.91\% \times 7,080,187,542.36 = 64,078,104.52$$

### 20. Modal yang disetor

Tahun	Y	$\Delta Y$
1993	0.13%	0
1994	0.13%	0.00%
1995	0.12%	-7.69%
1996	0.11%	-8.33%
1997	0.08%	-27.27%
Total		-43.30%

$$Y = 43.30\% / 4 = 10.82\%$$

$$\% Y' = 0.08\% - (0.08\% \times 10.82\%) = 0.07\%$$

$$Y'_{98} = 0.07\% \times 7,080,187,542.36 = 5,051,289.00$$

Keterangan : Pajak dihitung berdasarkan tarif yang berlaku.  
Kas, Bank dan Hutang Dagang digunakan sebagai penggenap aktiva dan passiva.

Lampiran 2, Perhitungan Rasio Keuangan PT. Sumber Sehat 1993-1998  
 1. Rasio Likuiditas

A. CURRENT RATIO

Current Ratio 1993	=	$\frac{3,110,234,285.29}{2,436,798,622.00}$	=	1.28
Current Ratio 1994	=	$\frac{2,920,942,416.31}{1,813,317,834.71}$	=	1.61
Current Ratio 1995	=	$\frac{3,128,507,064.00}{2,396,040,744.05}$	=	1.31
Current Ratio 1996	=	$\frac{3,561,507,455.00}{2,744,027,876.23}$	=	1.30
Current Ratio 1997	=	$\frac{5,055,551,137.32}{4,460,346,876.00}$	=	1.13
Current Ratio 1998	=	$\frac{5,691,906,252.76}{5,676,032,846.56}$	=	1.00

B. QUICK RATIO

Quick Ratio 1993	=	$\frac{3,110,234,285.29 - 623,772,197.79}{2,436,798,622.00}$	=	1.02
Quick Ratio 1994	=	$\frac{2,920,942,416.31 - 726,840,884.00}{1,813,317,834.71}$	=	1.21
Quick Ratio 1995	=	$\frac{3,128,507,064.00 - 474,110,596.00}{2,396,040,744.05}$	=	1.11
Quick Ratio 1996	=	$\frac{3,561,507,455.00 - 389,917,620.00}{2,744,027,876.23}$	=	1.16
Quick Ratio 1997	=	$\frac{5,055,551,137.32 - 1,061,275,613.32}{4,460,346,876.00}$	=	0.90
Quick Ratio 1998	=	$\frac{5,691,906,252.76 - 1,307,633,838.84}{5,676,032,846.56}$	=	0.77

## 2. Rasio Solvabilitas

### A. DEBT RATIO

Debt Ratio 1993	=	$\frac{2,866,538,622.00}{3,859,877,350.20}$	=	74.27%
Debt Ratio 1994	=	$\frac{2,720,784,684.71}{3,939,743,634.02}$	=	69.06%
Debt Ratio 1995	=	$\frac{2,695,231,158.22}{4,085,120,994.00}$	=	65.98%
Debt Ratio 1996	=	$\frac{3,028,227,301.02}{4,594,748,989.00}$	=	65.91%
Debt Ratio 1997	=	$\frac{4,508,950,373.72}{6,238,059,572.32}$	=	72.28%
Debt Ratio 1998	=	$\frac{5,740,110,951.08}{7,080,187,542.36}$	=	81.07%

### B. DEBT EQUITY RATIO

Debt Equity Ratio 1993	=	$\frac{2,866,538,622.00}{993,338,728.20}$	=	288.58%
Debt Equity Ratio 1994	=	$\frac{2,720,784,684.71}{1,218,960,949.31}$	=	223.21%
Debt Equity Ratio 1995	=	$\frac{2,695,231,158.22}{1,389,889,835.78}$	=	193.92%
Debt Equity Ratio 1996	=	$\frac{3,028,227,301.02}{1,566,521,687.98}$	=	193.31%
Debt Equity Ratio 1997	=	$\frac{4,508,950,373.72}{1,729,109,198.60}$	=	260.77%
Debt Equity Ratio 1998	=	$\frac{5,740,110,951.08}{1,340,076,591.28}$	=	428.34%

3. Rasio Aktivitas

A. ACCOUNT PAYABLE TURNOVER dan ACCOUNT PAYABLE in DAYS

Account Payable Turnover 1993	=	$\frac{10,323,661,918.53}{2,359,439,281.00}$	=	4.38	kali
Account Payable in Days 1993	=	$\frac{360.00}{4.38}$	=	82.19	hari
Account Payable Turnover 1994	=	$\frac{9,793,098,506.79}{1,721,140,611.09}$	=	5.69	kali
Account Payable in Days 1994	=	$\frac{360.00}{5.69}$	=	63.27	hari
Account Payable Turnover 1995	=	$\frac{8,919,310,491.00}{2,315,619,670.00}$	=	3.85	kali
Account Payable in Days 1995	=	$\frac{360.00}{3.85}$	=	93.51	hari
Account Payable Turnover 1996	=	$\frac{6,172,023,462.00}{2,664,651,071.00}$	=	2.32	kali
Account Payable in Days 1996	=	$\frac{360.00}{2.23}$	=	161.43	hari
Account Payable Turnover 1997	=	$\frac{7,455,416,769.68}{4,339,169,991.00}$	=	1.72	kali
Account Payable in Days 1997	=	$\frac{360.00}{1.72}$	=	209.30	hari
Account Payable Turnover 1998	=	$\frac{6,775,685,122.21}{5,538,284,363.77}$	=	1.22	kali
Account Payable in Days 1998	=	$\frac{360.00}{1.09}$	=	330.28	hari

B. RECEIVABLE TURNOVER dan RECEIVABLE in DAYS

Receivable Turnover 1993	=	$\frac{11,620,498,128.00}{1,631,136,243.88}$	=	7.12	kali
Receivable in Days 1993	=	$\frac{360.00}{7.12}$	=	50.56	hari
Receivable Turnover 1994	=	$\frac{11,920,465,338.12}{1,671,671,931.48}$	=	7.13	kali
Receivable in Days 1994	=	$\frac{360.00}{7.13}$	=	50.49	hari
Receivable Turnover 1995	=	$\frac{10,679,243,489.00}{2,098,122,726.00}$	=	5.09	kali
Receivable in Days 1995	=	$\frac{360.00}{5.09}$	=	70.73	hari
Receivable Turnover 1996	=	$\frac{10,077,947,218.00}{1,947,630,364.00}$	=	5.17	kali
Receivable in Days 1996	=	$\frac{360.00}{5.17}$	=	69.63	hari
Receivable Turnover 1997	=	$\frac{9,393,459,269.00}{2,251,407,860.00}$	=	4.17	kali
Receivable in Days 1997	=	$\frac{360.00}{4.17}$	=	86.33	hari
Receivable Turnover 1998	=	$\frac{8,184,847,666.93}{2,485,737,164.63}$	=	3.29	kali
Receivable in Days 1998	=	$\frac{360.00}{3.29}$	=	109.42	hari

C. INVENTORY TURNOVER dan INVENTORY in DAYS

Inventory Turnover 1993	=	$\frac{10,323,661,918.53}{623,772,197.79}$	=	16.55	kali
Inventory in Days 1993	=	$\frac{360.00}{16.55}$	=	21.75	hari
Inventory Turnover 1994	=	$\frac{9,793,092,506.79}{726,840,884.00}$	=	13.47	kali
Inventory in Days 1994	=	$\frac{360.00}{13.47}$	=	26.73	hari
Inventory Turnover 1995	=	$\frac{3,919,310,491.00}{474,110,596.00}$	=	18.81	kali
Inventory in Days 1995	=	$\frac{360.00}{18.81}$	=	19.14	hari
Inventory Turnover 1996	=	$\frac{3,172,023,462.00}{389,917,620.00}$	=	20.96	kali
Inventory in Days 1996	=	$\frac{360.00}{20.96}$	=	17.18	hari
Inventory Turnover 1997	=	$\frac{7,455,416,769.68}{1,061,275,613.32}$	=	7.02	kali
Inventory in Days 1997	=	$\frac{360.00}{7.02}$	=	51.28	hari
Inventory Turnover 1998	=	$\frac{6,775,685,122.21}{1,307,635,838.84}$	=	5.18	kali
Inventory in Days 1998	=	$\frac{360.00}{5.18}$	=	69.50	hari

D. ASSET TURNOVER

Asset Turnover 1993	=	$\frac{11,620,498,128.00}{3,859,877,350.20}$	=	3.01	kali
Asset Turnover 1994	=	$\frac{11,920,465,338.12}{3,939,745,634.02}$	=	3.03	kali
Asset Turnover 1995	=	$\frac{10,679,248,409.00}{4,085,120,994.00}$	=	2.61	kali
Asset Turnover 1996	=	$\frac{10,077,947,218.00}{4,594,748,989.00}$	=	2.19	kali
Asset Turnover 1997	=	$\frac{9,393,459,289.00}{6,238,059,572.32}$	=	1.51	kali
Asset Turnover 1998	=	$\frac{8,184,847,666.93}{7,080,187,542.36}$	=	1.16	kali

IV. Rasio Profitabilitas

A. RETURN ON INVESTMENT

Return on Investment 1993	=	$\frac{171,478,855.33}{3,859,877,350.20}$	=	4.44%
Return on Investment 1994	=	$\frac{225,622,222.11}{3,939,745,634.02}$	=	5.73%
Return on Investment 1995	=	$\frac{170,928,886.45}{4,085,120,994.00}$	=	4.18%
Return on Investment 1996	=	$\frac{176,631,852.20}{4,594,748,989.00}$	=	3.84%
Return on Investment 1997	=	$\frac{162,587,510.62}{6,238,059,572.32}$	=	2.61%
Return on Investment 1998	=	$\frac{(389,083,896.32)}{7,080,187,542.36}$	=	-5.50%

## V. RETURN ON EQUITY

Return on Equity 1993	=	$\frac{171,478,855.33}{993,338,728.20}$	=	17.26%
Return on Equity 1994	=	$\frac{225,622,221.11}{1,218,960,949.31}$	=	18.51%
Return on Equity 1995	=	$\frac{170,928,886.45}{1,389,839,835.78}$	=	12.30%
Return on Equity 1996	=	$\frac{176,631,852.20}{1,566,521,687.98}$	=	11.28%
Return on Equity 1997	=	$\frac{162,587,519.62}{1,729,109,198.60}$	=	9.40%
Return on Equity 1998	=	$\frac{-389,083,896.32}{1,340,076,591.28}$	=	-29.03%

