

Lampiran

Lampiran1. 1 Daftar Perusahaan Sampel

Daftar Perusahaan Sampel 2019

No	Tahun	Kode Saham	Nama Perusahaan
1	2019	ADES	Akasha Wira International Tbk
2	2019	ADMG	Polychem Indonesia Tbk
3	2019	AGII	Aneka Gas Industri Tbk
4	2019	AISA	Tiga Pilar Sejahtera Food Tbk, PT
5	2019	AKKU	Alam Karya Unggul Tbk
6	2019	AKPI	Argha Karya Prima Industry Tbk
7	2019	ALDO	Alkindo Naratama Tbk
8	2019	ALKA	Alaskan Industrindo Tbk
9	2019	ALMI	Alumindo Light Metal Industry Tbk
10	2019	AMFG	Asahimas Flat Glass Tbk
11	2019	AMIN	Ateliers Mecaniques D'Indonesie Tbk
12	2019	APLI	Asiaplast Industries Tbk
13	2019	ARGO	Argo Pantes Tbk
14	2019	ARKA	Arkha Jayanti Persada Tbk
15	2019	ARNA	Arwana Citra Mulia Tbk
16	2019	ASII	Astra International Tbk
17	2019	AUTO	Astra Otoparts Tbk
18	2019	BAJA	Saranacentral Bajatama Tbk
19	2019	BATA	Sepatu Bata Tbk
20	2019	BELL	Trisula Textile Industries Tbk
21	2019	BIMA	Primarindo Asia Infrastructure Tbk
22	2019	BOLT	Garuda Metallindo Tbk

23	2019	BRAM	Indo Kordsa Tbk
24	2019	BRPT	Barito Pasific Tbk
25	2019	BTON	Beton Jaya Manunggal Tbk
26	2019	BUDI	Budi Starch & Sweetener Tbk
27	2019	CAKK	Cahayaputra Asa Keramik Tbk
28	2019	CAMP	Campina Ice Ccream Industry Tbk, PT
29	2019	CCSI	Communication Cable System Indonesia Tbk
30	2019	CEKA	Wilmar Cahaya Indonesia Tbk, PT
31	2019	CINT	Chitose Internasional Tbk PT
32	2019	CLEO	Sariguna Primatirta Tbk, PT
33	2019	CNTX	Century Textile Industry Tbk
34	2019	CPRO	Central Proteina Prima Tbk PT
35	2019	CTBN	Citra Turbindo Tbk
36	2019	DLTA	Delta Djakarta Tbk
37	2019	DMND	Diamond Food Indonesia Tbk,PT
38	2019	DPNS	Duta Pertiwi Nusantara Tbk
39	2019	DVLA	Darya Variao Laboratoria Tbk
40	2019	EKAD	Ekadharma International Tbk
41	2019	ERTX	Eratex Djaya Tbk
42	2019	ESIP	Sinergi Inti Plastindo Tbk
43	2019	FASW	Fajar Surya Wisesa Tbk
44	2019	FOOD	Sentra Food Indonesia Tbk, PT
45	2019	FPNI	Lotte Chemical Titan Tbk
46	2019	GDST	Gunawan Dianjaya Steel Tbk
47	2019	GDYR	Goodyear Indonesia Tbk
48	2019	GGRM	<u>Gudang Garam Tbk</u>
49	2019	GGRP	Gunung Raja Paksi Tbk

50	2019	GJTL	Gajah Tunggal Tbk
51	2019	GMFI	Garuda Maintenance Facility Aero Asia Tbk
52	2019	GOOD	Garudafood Putra Putri Jaya Tbk, PT
53	2019	HMSP	Handjaya Mandala Sampoerna Tbk
54	2019	HOKI	Buyung Poetra Sembada Tbk, PT
55	2019	ICBP	Indofood CBP Sukses Makmur Tbk, PT
56	2019	IFII	Indonesia Fireboard Industry Tbk
57	2019	IGAR	Champion Pasific Indonesia Tbk
58	2019	IIKP	PT Inti Agro Resources Tbk
59	2019	IKAI	Intikeramik Alamasri Industri Tbk PT
60	2019	IKAN	Era Mandiri Cemerlang Tbk
61	2019	IKBI	Sumi Indo Kabel Tbk
62	2019	IMAS	Indomobil Sukses International Tbk
63	2019	IMPC	Impack Pratama Industri Tbk
64	2019	INAF	Indofarma Tbk
65	2019	INAI	Indal Alumunium Industry Tbk
66	2019	INCI	Intan Wijaya International Tbk
67	2019	INDF	Indofood Sukses Makmur Tbk, PT
68	2019	INDR	Indo-Rama Synthetics Tbk PT
69	2019	INDS	Indospring Tbk
70	2019	INKP	Indah Kiat Pulp & Paper Tbk
71	2019	INRU	Toba Pulp Lestari Tbk
72	2019	INTP	Indocement Tunggal Prakasa Tbk
73	2019	IPOL	Indopoly Swakarsa Industry Tbk
74	2019	ISSP	Steel Pipe Industry of Indonesia Tbk
75	2019	ITIC	Indonesia Tobacco Tbk
76	2019	JECC	Jembo Cable Company Tbk

77	2019	JPFA	Japfa Comfeed Indonesia Tbk
78	2019	KAEF	Kimia Farma Tbk
79	2019	KBLI	KMI Wire And Cable Tbk
80	2019	KBLM	Kabelindo Murni Tbk
81	2019	KDSI	Kedawung Setia Industrial Tbk
82	2019	KEJU	Mulia Boga Raya Tbk, PT
83	2019	KIAS	Inti Keramik Alam Industri Tbk
84	2019	KICI	Kedaung Indah Can Tbk, PT
85	2019	KINO	Kino Indonesia Tbk
86	2019	KLBF	Kalbe Farma Tbk
87	2019	KPAL	Steadfast Marine Tbk
88	2019	KPAS	Cottonindo Ariesta Tbk
89	2019	KRAS	Krakatau Steel Tbk
90	2019	LION	Lion Metal Works Tbk
91	2019	LMSH	Lionmesh Prima Tbk
92	2019	LPIN	Multi Prima Sejahtera Tbk PT
93	2019	MAIN	Malindo Feedmill Tbk
94	2019	MARK	Mark Dynamics Indonesia Tbk
95	2019	MASA	Multistrada Arah Sarana Tbk PT
96	2019	MBTO	Martina Berto Tbk
97	2019	MDKI	Emdeki Utama Tbk
98	2019	MERK	Merck Indonesia Tbk
99	2019	MLBI	PT. Multi Bintang Indonesia TBK
100	2019	MLIA	Mulia Industrindo Tbk
101	2019	MOLI	Madusari Murni Indah
102	2019	MRAT	Mustika Ratu Tbk
103	2019	MYOR	Mayora Indah TBK, PT

104	2019	MYTX	Asia Pacific Investama Tbk
105	2019	NIKL	Pelat Timah Nusantara Tbk
106	2019	PANI	Pratama Abadi Nusa Industri Tbk, PT
107	2019	PBID	Panca Budi Idaman Tbk
108	2019	PBRX	Pan Brothers Tbk
109	2019	PEHA	Phapros Tbk,PT
110	2019	PICO	Pelangi Indah Canindo Tbk
111	2019	POLU	Golden Flower Tbk
112	2019	PSGO	Palma Serasih Tbk, PT
113	2019	PTSN	Sat Nusa Persada Tbk
114	2019	PYFA	Pyridam Farma Tbk
115	2019	RICY	Ricky Putra Globalindo Tbk PT
116	2019	RMBA	Bentoel International Investama Tbk
117	2019	ROTI	Nippon Indosari Corporindo Tbk, PT
118	2019	SCCO	Supreme Cable Manufacturing and Commerce Tbk
119	2019	SCPI	<u>PT. Organon Pharma Indonesia Tbk</u>
120	2019	SIDO	<u>Industri Jamu & Farmasi Sido Muncul Tbk</u>
121	2019	SINI	Singaraja Putra Tbk
122	2019	SIPD	Siearad Produce Tbk
123	2019	SKBM	Sekar Bumi Tbk, PT
124	2019	SKLT	Sekar Laut Tbk, PT (SKBM)
125	2019	SLIS	Gaya Abadi Sempurna Tbk
126	2019	SMBR	Semen Baturaja Tbk
127	2019	SMCB	Solusi Bangun Indonesia Tbk
128	2019	SMGR	Semen Indonesia Tbk
129	2019	SMSM	Selamat Sempurna Tbk
130	2019	SPMA	Suparma Tbk

131	2019	SRIL	Sri Rejeki Isman Tbk
132	2019	SRSN	Indo Acitama Tbk
133	2019	STAR	Stra Petrochem Tbk
134	2019	STTP	Siantar Top Tbk, PT
135	2019	TALF	Tunas Alfin Tbk
136	2019	TBMS	Tembaga Mulia Semanan Tbk
137	2019	TCID	Mandom Indonesia Tbk
138	2019	TFCO	Tificio Fiber Indonesia Tbk
139	2019	TKIM	Pabrik Kertas Tjiwi Kimia Tbk
140	2019	TOTO	Surya Toto Indoensia
141	2019	TPIA	Chandra Asri Petrochemical Tbk
142	2019	TRIS	Trisula International Tbk
143	2019	TRST	Trias Sentosa Tbk PT
144	2019	TSPC	Pasific Tbk
145	2019	UCID	Uni-Charm Indonesia Tbk
146	2019	ULTJ	Ultrajaya Milk Industry and Trading Company Tbk, PT
147	2019	UNIC	Unggul Indah Cahaya Tbk
148	2019	UNVR	Unilever Indonesia Tbk
149	2019	VOKS	Voksel Electric Tbk
150	2019	WIIM	Wismilak Inti Makmur Tbk
151	2019	WOOD	Integra Indocabinet Tbk, PT
152	2019	WSBP	Waskita Beton Precast Tbk
153	2019	WTON	Wijaya Karya Beton Tbk
154	2019	YPAS	Yana Prima Hasta Persada Tbk
155	2019	ZONE	Mega Perintis Tbk

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4	2020	AISA	Tiga Pilar Sejahtera Food Tbk, PT
5	2020	AKPI	Argha Karya Prima Industry Tbk
6	2020	ALDO	Alkindo Naratama Tbk
7	2020	ALKA	Alaskan Industrindo Tbk
8	2020	ALMI	Alumindo Light Metal Industry Tbk
9	2020	ALTO	Tri Banyan Tirta Tbk, PT
10	2020	AMFG	Asahimas Flat Glass Tbk
11	2020	AMIN	Ateliers Mecaniques D'Indonesie Tbk
12	2020	APLI	Asiaplast Industries Tbk
13	2020	ARGO	Argo Pantes Tbk
14	2020	ARKA	Arkha Jayanti Persada Tbk
15	2020	ARNA	Arwana Citra Mulia Tbk
16	2020	ASII	Astra International Tbk
17	2020	AUTO	Astra Otoparts Tbk
18	2020	BAJA	Saranacentral Bajatama Tbk
19	2020	BATA	Sepatu Bata Tbk
20	2020	BELL	Trisula Textile Industries Tbk
21	2020	BIMA	Primarindo Asia Infrastructure Tbk
22	2020	BOLT	Garuda Metallindo Tbk
23	2020	BRAM	Indo Kordsa Tbk
24	2020	BRNA	Berlina Tbk

25	2020	BRPT	Barito Pasific Tbk
26	2020	BTON	Beton Jaya Manunggal Tbk
27	2020	BUDI	Budi Starch & Sweetener Tbk
28	2020	CAKK	Cahayaputra Asa Keramik Tbk
29	2020	CAMP	Campina Ice Ccream Industry Tbk, PT
30	2020	CBMF	Cahaya Bintang Medan Tbk PT
31	2020	CCSI	Communication Cable System Indonesia Tbk
32	2020	CEKA	Wilmar Cahaya Indonesia Tbk, PT
33	2020	CINT	Chitose Internasional Tbk PT
34	2020	CLEO	Sariguna Primatirta Tbk, PT
35	2020	CPIN	Charoen Pokphand Indonesia Tbk
36	2020	CPRO	Central Proteina Prima Tbk PT
37	2020	CTBN	Citra Turbindo Tbk
38	2020	DLTA	Delta Djakarta Tbk
39	2020	DMND	Diamond Food Indonesia Tbk,PT
40	2020	DPNS	Duta Pertiwi Nusantara Tbk
41	2020	EKAD	Ekadharma International Tbk
42	2020	ENZO	PT Morenzo Abadi Perkasa Tbk
43	2020	EPAC	Megalestari Epack Sentosaraya Tbk PT
44	2020	ERTX	Eratex Djaya Tbk
45	2020	ESIP	Sinergi Inti Plastindo Tbk
46	2020	ESTI	Ever Shine Tbk (ESTI)
47	2020	ETWA	Eterindo Wahanatama Tbk
48	2020	FASW	Fajar Surya Wisesa Tbk
49	2020	FOOD	Sentra Food Indonesia Tbk, PT
50	2020	FPNI	Lotte Chemical Titan Tbk
51	2020	GDST	Gunawan Dianjaya Steel Tbk

52	2020	GDYR	Goodyear Indonesia Tbk
53	2020	GGRM	Gudang Garam Tbk
54	2020	GGRP	Gunung Raja Paksi Tbk
55	2020	GJTL	Gajah Tunggal Tbk
56	2020	GMFI	Garuda Maintenance Facility Aero Asia Tbk
57	2020	GOOD	Garudafood Putra Putri Jaya Tbk, PT
58	2020	HMSP	Handjaya Mandala Sampoerna Tbk
59	2020	HOKI	Buyung Poetra Sembada Tbk, PT
60	2020	ICBP	Indofood CBP Sukses Makmur Tbk, PT
61	2020	IGAR	Champion Pasific Indonesia Tbk
62	2020	IIKP	PT Inti Agro Resources Tbk
63	2020	IKAI	Intikeramik Alamasri Industri Tbk PT
64	2020	IKAN	Era Mandiri Cemerlang Tbk
65	2020	IMAS	Indomobil Sukses International Tbk
66	2020	IMPC	Impack Pratama Industri Tbk
67	2020	INAF	Indofarma Tbk
68	2020	INAI	Indal Alumunium Industry Tbk
69	2020	INCF	Indo Komoditi Korpora Tbk PT
70	2020	INCI	Intan Wijaya International Tbk
71	2020	INDF	Indofood Sukses Makmur Tbk, PT
72	2020	INDR	Indo-Rama Synthetics Tbk PT
73	2020	INDS	Indospring Tbk
74	2020	INKP	Indah Kiat Pulp & Paper Tbk
75	2020	INOV	Inocycle Technology Group Tbk PT
76	2020	INRU	Toba Pulp Lestari Tbk
77	2020	INTP	Indocement Tunggal Prakasa Tbk
78	2020	IPOL	Indopoly Swakarsa Industry Tbk

79	2020	ISSP	Steel Pipe Industry of Indonesia Tbk
80	2020	JECC	Jembo Cable Company Tbk
81	2020	JPFA	Japfa Comfeed Indonesia Tbk
82	2020	KAEF	Kimia Farma Tbk
83	2020	KBLI	KMI Wire And Cable Tbk
84	2020	KBLM	Kabelindo Murni Tbk
85	2020	KDSI	Kedawung Setia Industrial Tbk
86	2020	KIAS	Inti Keramik Alam Industri Tbk
87	2020	KICI	Kedaung Indah Can Tbk, PT
88	2020	KINO	Kino Indonesia Tbk
89	2020	KLBF	Kalbe Farma Tbk
90	2020	KMTR	Kirana Megatara Tbk PT
91	2020	KPAS	PT. Cottonindo Ariesta Tbk
92	2020	KRAS	Krakatau Steel Tbk
93	2020	LION	Lion Metal Works Tbk
94	2020	LPIN	Multi Prima Sejahtera Tbk PT
95	2020	MAIN	Malindo Feedmill Tbk
96	2020	MARK	Mark Dynamics Indonesia Tbk
97	2020	MASA	Multistrada Arah Sarana Tbk PT
98	2020	MBTO	Martina Berto Tbk
99	2020	MDKI	Emdeki Utama Tbk
100	2020	MERK	Merck Indonesia Tbk
101	2020	MGNA	Magna Investama Mandiri Tbk PT
102	2020	MLBI	PT. MULTI BINTANG INDONESIA TBK
103	2020	MLIA	Mulia Industrindo Tbk
104	2020	MOLI	Madusari Murni Indah
105	2020	MRAT	Mustika Ratu Tbk

106	2020	MYOR	Mayora Indah TBK, PT
107	2020	MYTX	Asia Pacific Investama Tbk
108	2020	NIKL	Pelat Timah Nusantara Tbk
109	2020	PANI	Pratama Abadi Nusa Industri Tbk, PT
110	2020	PBID	Panca Budi Idaman Tbk
111	2020	PBRX	Pan Brothers Tbk
112	2020	PEHA	Phapros Tbk,PT
113	2020	PICO	Pelangi Indah Canindo Tbk
114	2020	POLU	Golden Flower Tbk
115	2020	PTSN	Sat Nusa Persada Tbk
116	2020	PYFA	Pyridam Farma Tbk
117	2020	RICY	Ricky Putra Globalindo Tbk PT
118	2020	RMBA	Bentoel International Investama Tbk
119	2020	ROTI	Nippon Indosari Corporindo Tbk, PT
120	2020	SAMF	Saraswanti Anugerah Makmur PT
121	2020	SBAT	Sejahtera Bintang Abadi Textile Tbk PT
122	2020	SCCO	Supreme Cable Manufacturing and Commerce Tbk
123	2020	SCNP	Selaras Citra Nusantara Perkasa Tbk PT
124	2020	SIDO	Industri Jamu & Farmasi Sido Muncul Tbk
125	2020	SINI	Singaraja Putra Tbk
126	2020	SIPD	Siearad Produce Tbk
127	2020	SKBM	Sekar Bumi Tbk, PT
128	2020	SKLT	Sekar Laut Tbk, PT (SKBM)
129	2020	SLIS	Gaya Abadi Sempurna Tbk
130	2020	SMBR	Semen Baturaja Tbk
131	2020	SMGR	Semen Indonesia Tbk
132	2020	SMKL	Satyamitra Kemas Lestari Tbk

133	2020	SMSM	Selamat Sempurna Tbk
134	2020	SOFA	PT Boston Furniture Industries Tbk
135	2020	SOHO	PT Soho Global Health Tbk
136	2020	SPMA	Suparma Tbk
137	2020	SQBB	PT. Taisho Pharmaceutical Indonesia Tbk
138	2020	SRIL	Sri Rejeki Isman Tbk
139	2020	SRSN	Indo Acitama Tbk
140	2020	STAR	Stra Petrochem Tbk
141	2020	STTP	Siantar Top Tbk, PT
142	2020	TALF	Tunas Alfin Tbk
143	2020	TBMS	Tembaga Mulia Semanan Tbk
144	2020	TCID	Mandom Indonesia Tbk
145	2020	TDPM	PT. Tridomain Performance Materials Tbk
146	2020	TFCO	Tifico Fiber Indonesia Tbk
147	2020	TKIM	Pabrik Kertas Tjiwi Kimia Tbk
148	2020	TOTO	Surya Toto Indoensia
149	2020	TOYS	PT Sunindo Adipersada Tbk
150	2020	TPIA	Chandra Asri Petrochemical Tbk
151	2020	TRIS	Trisula International Tbk
152	2020	TRST	Trias Sentosa Tbk PT
153	2020	TSPC	Pasific Tbk
154	2020	UCID	Uni-Charm Indonesia Tbk
155	2020	ULTJ	Ultrajaya Milk Industry and Trading Company Tbk, PT
156	2020	UNIC	Unggul Indah Cahaya Tbk
157	2020	UNVR	Unilever Indonesia Tbk
158	2020	VOKS	Voksel Electric Tbk
159	2020	WIIM	Wismilak Inti Makmur Tbk

160	2020	WOOD	Integra Indocabinet Tbk, PT
161	2020	WSBP	Waskita Beton Precast Tbk
162	2020	WTON	Wijaya Karya Beton Tbk
163	2020	YPAS	Yana Prima Hasta Persada Tbk
164	2020	ZONE	Mega Perintis Tbk



Data Perusahaan Manufaktur 2021

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1	2021	ADES	Akasha Wira International Tbk
2	2021	ADMG	Polychem Indonesia Tbk
3	2021	AGII	Aneka Gas Industri Tbk
4	2021	AISA	Tiga Pilar Sejahtera Food Tbk, PT
5	2021	AKPI	Argha Karya Prima Industry Tbk
6	2021	ALDO	Alkindo Naratama Tbk
7	2021	ALKA	Alaskan Industrindo Tbk
8	2021	ALMI	Alumindo Light Metal Industry Tbk
9	2021	AMFG	Asahimas Flat Glass Tbk
10	2021	AMIN	Ateliers Mecaniques D'Indonesie Tbk
11	2021	APLI	Asiaplast Industries Tbk
12	2021	ARGO	Argo Pantes Tbk
13	2021	ARKA	Arkha Jayanti Persada Tbk
14	2021	ARNA	Arwana Citra Mulia Tbk
15	2021	ASII	Astra International Tbk
16	2021	AUTO	Astra Otoparts Tbk
17	2021	BAJA	Saranacentral Bajatama Tbk
18	2021	BATA	Sepatu Bata Tbk
19	2021	BELL	Trisula Textile Industries Tbk
20	2021	BIMA	Primarindo Asia Infrastructure Tbk
21	2021	BOLT	Garuda Metallindo Tbk
22	2021	BRAM	Indo Kordsa Tbk

23	2021	BRNA	Berlina Tbk
24	2021	BRPT	Barito Pasific Tbk
25	2021	BTON	Beton Jaya Manunggal Tbk
26	2021	BUDI	Budi Starch & Sweetener Tbk
27	2021	CAKK	Cahayaputra Asa Keramik Tbk
28	2021	CAMP	Campina Ice Ccream Industry Tbk, PT
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31	2021	CINT	Chitose Internasional Tbk PT
32	2021	CLEO	Sariguna Primatirta Tbk, PT
33	2021	CNTB	Century Textile Industry Tbk
34	2021	COCO	Wahana Interfood Nusantara Tbk, PT
35	2021	CPIN	Charoen Pokphand Indonesia Tbk
36	2021	CPRO	Central Proteina Prima Tbk PT
37	2021	CTBN	Citra Turbindo Tbk
38	2021	DLTA	Delta Djakarta Tbk
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46	2021	FASW	Fajar Surya Wisesa Tbk
47	2021	FOOD	Sentra Food Indonesia Tbk, PT

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63	2021	IKAN	Era Mandiri Cemerlang Tbk
64	2021	IKBI	Sumi Indo Kabel Tbk
65	2021	IMAS	Indomobil Sukses International Tbk
66	2021	IMPC	Impack Pratama Industri Tbk
67	2021	INAF	Indofarma Tbk
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73	2021	INKP	Indah Kiat Pulp & Paper Tbk

74	2021	INRU	Toba Pulp Lestari Tbk
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86	2021	KICI	Kedaung Indah Can Tbk, PT
87	2021	KINO	Kino Indonesia Tbk
88	2021	KLBF	Kalbe Farma Tbk
89	2021	KRAS	Krakatau Steel Tbk
90	2021	LION	Lion Metal Works Tbk
91	2021	LMPI	Langgeng Makmur Industry Tbk, PT (LMPI)
92	2021	LMSH	Lionmesh Prima Tbk
93	2021	LPIN	Multi Prima Sejahtera Tbk PT
94	2021	MAIN	Malindo Feedmill Tbk
95	2021	MARK	Mark Dynamics Indonesia Tbk
96	2021	MASA	Multistrada Arah Sarana Tbk PT
97	2021	MBTO	Martina Berto Tbk
98	2021	MDKI	Emdeki Utama Tbk
99	2021	MERK	Merck Indonesia Tbk

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108	2021	PBRX	Pan Brothers Tbk
109	2021	PEHA	Phapros Tbk,PT
110	2021	PICO	Pelangi Indah Canindo Tbk
111	2021	POLU	Golden Flower Tbk
112	2021	PRAS	Prima Alloy Steel Universal tbk
113	2021	PSGO	Palma Serasih Tbk, PT
114	2021	PTSN	Sat Nusa Persada Tbk
115	2021	PYFA	Pyridam Farma Tbk
116	2021	RICY	Ricky Putra Globalindo Tbk PT
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121	2021	SINI	Singaraja Putra Tbk
122	2021	SIPD	Siearad Produce Tbk
123	2021	SKBM	Sekar Bumi Tbk, PT
124	2021	SKLT	Sekar Laut Tbk, PT (SKBM)
125	2021	SLIS	Gaya Abadi Sempurna Tbk
126	2021	SMBR	Semen Baturaja Tbk

127	2021	SMCB	Solusi Bangun Indonesia Tbk
128	2021	SMGR	Semen Indonesia Tbk
129	2021	SMKL	Satyamitra Kemas Lestari Tbk
130	2021	SMSM	Selamat Sempurna Tbk
131	2021	SPMA	Suparma Tbk
132	2021	SRIL	Sri Rejeki Isman Tbk
133	2021	SRSN	Indo Acitama Tbk
134	2021	SSTM	Sunson Textile Manufacturer Tbk
135	2021	STTP	Siantar Top Tbk, PT
136	2021	SULI	SLJ Global Tbk
137	2021	TALF	Tunas Alfin Tbk
138	2021	TBMS	Tembaga Mulia Semanan Tbk
139	2021	TCID	Mandom Indonesia Tbk
140	2021	TFCO	Tifico Fiber Indonesia Tbk
141	2021	TKIM	Pabrik Kertas Tjiwi Kimia Tbk
142	2021	TOTO	Surya Toto Indoensia
143	2021	TPIA	Chandra Asri Petrochemical Tbk
144	2021	TRIS	Trisula International Tbk
145	2021	TRST	Trias Sentosa Tbk PT
146	2021	TSPC	Pasific Tbk
147	2021	UCID	Uni-Charm Indonesia Tbk
148	2021	ULTJ	Ultrajaya Milk Industry and Trading Company Tbk, PT
149	2021	UNIC	Unggul Indah Cahaya Tbk
150	2021	UNVR	Unilever Indonesia Tbk
151	2021	VOKS	Voksel Electric Tbk
152	2021	WIIM	Wismilak Inti Makmur Tbk
153	2021	WOOD	Integra Indocabinet Tbk, PT

154	2021	WSBP	Waskita Beton Precast Tbk
155	2021	WTON	Wijaya Karya Beton Tbk
156	2021	YPAS	Yana Prima Hasta Persada Tbk
157	2021	ZONE	Mega Perintis Tbk



Lampiran1. 2 Daftar Perusahaan Sampel yang Diolah

Data Perusahaan Sampel yang Diolah

Tahun	Perusahaan	Z Score	DR	RA	WBS	DRxWBS	RAxWBS
2019	ADES	2.480779	100	100	1	100	100
2019	ADMG	3.11507	100	100	1	100	100
2019	AGII	0.763299	100	100	1	100	100
2019	AISA	0.597399	100	100	1	100	100
2019	AKKU	0.35376	50	100	1	50	100
2019	AKPI	1.398081	100	100	1	100	100
2019	ALDO	2.492639	100	100	1	100	100
2019	ALKA	3.906157	100	100	0	0	0
2019	ALMI	0.545469	100	100	1	100	100
2019	AMFG	1.117175	86	75	1	86	75
2019	AMIN	1.855927	100	100	1	100	100
2019	APLI	1.830021	100	100	1	100	100
2019	ARGO	-4.06783	100	100	1	100	100
2019	ARKA	0.26262	100	100	1	100	100
2019	ARNA	3.160743	100	100	1	100	100
2019	ASII	1.845317	80	87	1	80	87
2019	AUTO	2.761798	93	60	1	93	60
2019	BAJA	1.077352	100	100	1	100	100
2019	BATA	3.589832	62.5	100	1	62.5	100
2019	BELL	2.043749	100	100	1	100	100
2019	BIMA	0.093077	87.5	100	1	87.5	100
2019	BOLT	2.06936	100	100	1	100	100
2019	BRAM	3.009979	93.2	92	1	93.2	92
2019	BRPT	0.808629	100	100	1	100	100
2019	BTON	3.306294	100	100	1	100	100

2019	BUDI	1.51357	100	100	1	100	100
2019	CAKK	0.919247	100	100	1	100	100
2019	CAMP	5.045538	100	100	0	0	0
2019	CCSI	2.734485	90	91.67	1	90	91.67
2019	CEKA	5.65519	94.43	100	0	0	0
2019	CINT	2.516919	72.73	100	1	72.73	100
2019	CLEO	2.175294	100	100	1	100	100
2019	CNTX	0.074131	80	100	1	80	100
2019	CPRO	0.028923	56.48	100	1	56.48	100
2019	CTBN	1.971013	97.22	81.25	1	97.22	81.25
2019	DLTA	5.143908	70	100	1	70	100
2019	DMND	2.691933	100	100	1	100	100
2019	DPNS	4.529914	100	100	0	0	0
2019	DVLA	3.334942	100	100	1	100	100
2019	EKAD	5.320198	100	100	0	0	0
2019	ERTX	1.560972	100	100	1	100	100
2019	ESIP	1.792124	100	100	0	0	0
2019	FASW	1.55486	100	100	1	100	100
2019	FOOD	1.884195	96.67	100	1	96.67	100
2019	FPNI	2.053687	100	100	1	100	100
2019	GDST	1.472374	71	100	1	71	100
2019	GDYR	1.633778	100	50	1	100	50
2019	GGRM	3.529075	100	96.67	1	100	96.67
2019	GGRP	1.522129	100	100	1	100	100
2019	GJTL	1.427929	80.95	100	1	80.95	100
2019	GMFI	1.011104	100	100	1	100	100
2019	GOOD	2.79695	100	100	1	100	100
2019	HMSP	4.800125	100	100	0	0	0

2019	HOKI	4.292725	75	100	1	75	100
2019	ICBP	3.209134	100	100	1	100	100
2019	IFII	4.13114	100	100	0	0	0
2019	IGAR	5.342837	100	100	0	0	0
2019	IIKP	6.901635	86.67	100	0	0	0
2019	IKAI	0.437154	100	75	1	100	75
2019	IKAN	1.657184	100	100	0	0	0
2019	IKBI	4.007711	75	100	1	75	100
2019	IMAS	0.508891	85	100	1	85	100
2019	IMPC	1.8001	100	100	1	100	100
2019	INAF	1.396697	100	100	1	100	100
2019	INAI	1.391433	85	100	1	85	100
2019	INCI	3.745401	100	100	1	100	100
2019	INDF	1.905117	96.25	100	1	96.25	100
2019	INDR	1.855809	100	100	1	100	100
2019	INDS	4.662847	100	100	1	100	100
2019	INKP	1.278092	80	100	1	80	100
2019	INRU	-0.76636	100	100	1	100	100
2019	INTP	3.827743	77.77	100	1	77.77	100
2019	IPOL	1.645103	90.48	100	1	90.48	100
2019	ISSP	1.490465	80.2	100	1	80.2	100
2019	ITIC	0.853992	100	100	1	100	100
2019	JECC	2.33267	100	100	1	100	100
2019	JPFA	2.5155	83	100	1	83	100
2019	KAEF	0.913803	94.83	100	1	94.83	100
2019	KBLI	3.275869	100	100	1	100	100
2019	KBLM	2.048453	100	100	1	100	100
2019	KDSI	2.785941	100	100	1	100	100

2019	KEJU	3.412262	100	0	1	100	0
2019	KIAS	-0.1098	100	86.67	1	100	86.67
2019	KICI	1.365276	100	100	1	100	100
2019	KINO	2.296933	100	100	1	100	100
2019	KLBF	4.555638	50	91.67	1	50	91.67
2019	KPAL	0.218357	100	100	1	100	100
2019	KPAS	0.968147	93	100	1	93	100
2019	KRAS	-0.89289	63.33	90	1	63.33	90
2019	LION	2.361453	98.46	100	1	98.46	100
2019	LMSH	3.122824	100	100	1	100	100
2019	LPIN	7.290761	100	100	1	100	100
2019	MAIN	2.362508	90	100	1	90	100
2019	MARK	3.172546	100	100	1	100	100
2019	MASA	0.899054	45.71	50	1	45.71	50
2019	MBTO	0.934213	100	100	1	100	100
2019	MDKI	4.729739	100	100	0	0	0
2019	MERK	2.046964	50	100	1	50	100
2019	MLBI	3.520857	78.1	100	1	78.1	100
2019	MLIA	0.955368	100	100	1	100	100
2019	MOLI	1.814819	100	75	1	100	75
2019	MRAT	2.261399	100	100	0	0	0
2019	MYOR	2.959334	100	100	1	100	100
2019	MYTX	-0.50493	100	100	1	100	100
2019	NIKL	1.466685	100	75.47	1	100	75.47
2019	PANI	5.202463	100	100	0	0	0
2019	PBID	3.994274	85.33	100	1	85.33	100
2019	PBRX	2.023733	100	100	1	100	100
2019	PEHA	1.214655	85	91.67	1	85	91.67

2019	PICO	0.847011	95	90	1	95	90
2019	POLU	2.249917	100	100	0	0	0
2019	PSGO	0.200636	100	100	1	100	100
2019	PTSN	2.529014	100	100	1	100	100
2019	PYFA	2.854885	100	100	0	0	0
2019	RICY	1.716182	100	100	1	100	100
2019	RMBA	1.53131	100	100	1	100	100
2019	ROTI	2.159499	100	100	1	100	100
2019	SCCO	3.167265	100	100	1	100	100
2019	SCPI	2.915204	50	100	1	50	100
2019	SIDO	5.018083	71.67	75	1	71.67	75
2019	SINI	1.314208	100	100	1	100	100
2019	SIPD	1.953422	100	100	1	100	100
2019	SKBM	1.913349	100	100	1	100	100
2019	SKLT	2.477254	77.78	100	1	77.78	100
2019	SLIS	2.444346	100	100	1	100	100
2019	SMBR	1.377019	84.45	100	1	84.45	100
2019	SMCB	1.03593	77.78	93.33	1	77.78	93.33
2019	SMGR	1.294937	78	89.5	1	78	89.5
2019	SMSM	4.532664	100	100	1	100	100
2019	SPMA	2.166462	80	100	1	80	100
2019	SRIL	1.759707	100	100	1	100	100
2019	SRSN	2.34209	95.83	75	1	95.83	75
2019	STAR	3.102324	50	75	1	50	75
2019	STTP	3.872856	75	100	1	75	100
2019	TALF	2.463286	100	70	1	100	70
2019	TBMS	4.235615	89.98	100	0	0	0
2019	TCID	3.83947	98	97	0	0	0

2019	TFCO	5.866113	75	100	1	75	100
2019	TKIM	1.001052	88.1	80	1	88.1	80
2019	TOTO	2.464343	96.6	94.67	1	96.6	94.67
2019	TPIA	1.367573	94.44	92.67	1	94.44	92.67
2019	TRIS	2.309012	89.56	91.67	1	89.56	91.67
2019	TRST	1.25164	100	100	1	100	100
2019	TSPC	3.340128	100	100	0	0	0
2019	UCID	2.256895	100	100	1	100	100
2019	ULTJ	5.029415	100	100	0	0	0
2019	UNIC	4.120804	70	83.33	0	0	0
2019	UNVR	3.760821	85	100	1	85	100
2019	VOKS	1.81844	77.55	91.67	1	77.55	91.67
2019	WIIM	3.576107	100	100	1	100	100
2019	WOOD	1.162372	100	100	1	100	100
2019	WSBP	-0.32609	41.25	76.92	1	41.25	76.92
2019	WTON	1.290633	100	100	1	100	100
2019	YPAS	1.965223	88.67	100	1	88.67	100
2019	ZONE	2.55583	80.95	100	1	80.95	100
2020	ADES	2.738425	100	100	1	100	100
2020	ADMG	1.836598	100	100	1	100	100
2020	AGII	0.782201	100	100	1	100	100
2020	AISA	2.299654	100	100	1	100	100
2020	AKPI	1.478517	79	70	1	79	70
2020	ALDO	2.476121	100	100	1	100	100
2020	ALKA	0.679864	100	100	1	100	100
2020	ALMI	-1.70742	85	100	1	85	100
2020	ALTO	0.33179	100	100	1	100	100
2020	AMFG	0.763663	100	100	1	100	100

2020	AMIN	1.421957	100	100	1	100	100
2020	APLI	1.444851	100	98	1	100	98
2020	ARGO	-4.76475	89	100	1	89	100
2020	ARKA	-0.47176	96	100	1	96	100
2020	ARNA	3.344659	100	100	1	100	100
2020	ASII	1.763404	94	80	1	94	80
2020	AUTO	2.498218	98	63	1	98	63
2020	BAJA	1.689602	100	100	1	100	100
2020	BATA	0.953493	67	75	1	67	75
2020	BELL	1.485829	100	100	1	100	100
2020	BIMA	-0.14063	92	90	1	92	90
2020	BOLT	1.164516	100	100	1	100	100
2020	BRAM	2.471713	97	100	1	97	100
2020	BRNA	0.361847	100	100	1	100	100
2020	BRPT	0.777203	100	100	1	100	100
2020	BTON	3.342719	85	100	1	85	100
2020	BUDI	1.48832	100	100	1	100	100
2020	CAKK	1.649118	100	100	1	100	100
2020	CAMP	4.862228	100	100	0	0	0
2020	CBMF	1.711604	83.34	83.33	1	83.34	83.33
2020	CCSI	2.165344	97	100	1	97	100
2020	CEKA	5.503309	94.43	100	0	0	0
2020	CINT	5.468398	100	100	1	100	100
2020	CLEO	2.356948	100	100	1	100	100
2020	CPIN	3.911586	100	100	1	100	100
2020	CPRO	0.109454	100	100	1	100	100
2020	CTBN	2.992008	85.71	91.67	1	85.71	91.67
2020	DLTA	4.182955	75	56	1	75	56

2020	DMND	3.860264	100	100	1	100	100
2020	DPNS	4.873	100	100	0	0	0
2020	EKAD	4.834173	100	100	1	100	100
2020	ENZO	2.555977	100	100	0	0	0
2020	EPAC	0.875524	100	100	1	100	100
2020	ERTX	1.326364	100	100	1	100	100
2020	ESIP	1.66424	100	100	1	100	100
2020	ESTI	-0.50525	100	90	1	100	90
2020	ETWA	0.105895	72	33	1	72	33
2020	FASW	1.184551	93	100	1	93	100
2020	FOOD	0.753559	95	96	1	95	96
2020	FPNI	2.117759	100	100	1	100	100
2020	GDST	1.023446	67	100	1	67	100
2020	GDYR	1.267166	100	100	1	100	100
2020	GGRM	4.016338	80	100	1	80	100
2020	GGRP	1.465529	100	100	1	100	100
2020	GJTL	1.446383	72	100	1	72	100
2020	GMFI	-2.24615	82.86	100	1	82.86	100
2020	GOOD	1.910623	87	100	1	87	100
2020	HMSP	3.70628	100	95	0	0	0
2020	HOKI	3.034767	100	100	1	100	100
2020	ICBP	1.409247	98	89	1	98	89
2020	IGAR	0.487164	100	100	0	0	0
2020	IIKP	5.002308	86.67	100	0	0	0
2020	IKAI	0.898818	100	100	1	100	100
2020	IKAN	1.327498	100	100	1	100	100
2020	IMAS	0.360619	85	100	1	85	100
2020	IMPC	1.836061	100	100	1	100	100

2020	INAF	1.224022	88.89	100	1	88.89	100
2020	INAI	1.032012	67	100	1	67	100
2020	INCF	0.874146	100	100	1	100	100
2020	INCI	3.720149	100	100	1	100	100
2020	INDF	1.462764	100	100	1	100	100
2020	INDR	0.537963	100	100	1	100	100
2020	INDS	5.165368	100	100	1	100	100
2020	INKP	1.316407	100	100	1	100	100
2020	INOV	0.923958	100	91.67	1	100	91.67
2020	INRU	-0.465	100	100	1	100	100
2020	INTP	3.322138	90	100	1	90	100
2020	IPOL	1.843038	96.88	100	1	96.88	100
2020	ISSP	1.468991	83.5	100	1	83.5	100
2020	JECC	1.798362	100	62.5	1	100	62.5
2020	JPFA	2.364319	97	100	1	97	100
2020	KAEF	0.94914	92.57	100	1	92.57	100
2020	KBLI	3.012844	95.83	100	1	95.83	100
2020	KBLM	3.066642	95	100	1	95	100
2020	KDSI	2.725258	100	100	1	100	100
2020	KIAS	1.559635	100	86.67	1	100	86.67
2020	KICI	1.327845	100	100	1	100	100
2020	KINO	1.482135	100	100	1	100	100
2020	KLBF	4.259773	100	100	1	100	100
2020	KMTR	2.334521	100	75	1	100	75
2020	KPAS	0.828387	85	100	1	85	100
2020	KRAS	-0.07441	72	94.29	1	72	94.29
2020	LION	2.275735	100	91.67	1	100	91.67
2020	LPIN	5.882771	100	100	1	100	100

2020	MAIN	2.081565	100	100	1	100	100
2020	MARK	2.258141	100	100	1	100	100
2020	MASA	1.43166	77.67	66.67	1	77.67	66.67
2020	MBTO	0.009348	100	100	1	100	100
2020	MDKI	5.299738	80	100	0	0	0
2020	MERK	2.708623	100	100	1	100	100
2020	MGNA	1.583895	100	100	1	100	100
2020	MLBI	1.887493	90.42	75	1	90.42	75
2020	MLIA	0.911778	100	100	1	100	100
2020	MOLI	1.771387	100	100	1	100	100
2020	MRAT	1.879091	100	100	0	0	0
2020	MYOR	3.005511	100	100	1	100	100
2020	MYTX	-0.58858	100	100	1	100	100
2020	NIKL	1.51333	100	100	1	100	100
2020	PANI	2.364879	100	100	0	0	0
2020	PBID	4.149056	80	100	1	80	100
2020	PBRX	1.893468	100	100	1	100	100
2020	PEHA	1.061528	100	84.67	1	100	84.67
2020	PICO	0.095754	92.5	90	1	92.5	90
2020	POLU	1.453524	100	100	1	100	100
2020	PTSN	2.251562	100	100	1	100	100
2020	PYFA	3.153377	100	100	1	100	100
2020	RICY	0.877387	100	100	1	100	100
2020	RMBA	0.419554	100	100	1	100	100
2020	ROTI	2.43113	100	100	1	100	100
2020	SAMF	2.396497	100	100	1	100	100
2020	SBAT	0.333504	100	75	1	100	75
2020	SCCO	4.736399	100	100	1	100	100

2020	SCNP	3.09695	100	100	1	100	100
2020	SIDO	4.502386	71.67	75	1	71.67	75
2020	SINI	1.972256	100	100	1	100	100
2020	SIPD	1.847641	100	100	1	100	100
2020	SKBM	2.524517	100	91.7	1	100	91.7
2020	SKLT	2.633033	81.5	100	1	81.5	100
2020	SLIS	2.14626	100	100	1	100	100
2020	SMBR	1.146508	83.28	100	1	83.28	100
2020	SMGR	1.327692	93.25	100	1	93.25	100
2020	SMKL	1.512739	100	100	0	0	0
2020	SMSM	4.032995	83.33	100	1	83.33	100
2020	SOFA	1.556182	100	100	1	100	100
2020	SOHO	2.505636	100	100	1	100	100
2020	SPMA	2.344073	83.3	100	1	83.3	100
2020	SQBB	4.483554	100	100	1	100	100
2020	SRIL	1.611913	100	100	1	100	100
2020	SRSN	2.34867	100	100	1	100	100
2020	STAR	0.249844	60	75	1	60	75
2020	STTP	4.057601	75	100	1	75	100
2020	TALF	1.989744	100	100	1	100	100
2020	TBMS	3.368958	89.98	100	0	0	0
2020	TCID	3.47942	75	95	1	75	95
2020	TDPM	0.95814	100	100	1	100	100
2020	TFCO	4.955505	75	100	1	75	100
2020	TKIM	1.119432	85.71	100	1	85.71	100
2020	TOTO	1.907264	100	100	1	100	100
2020	TOYS	2.054587	100	100	0	0	0
2020	TPIA	1.309326	100	94.33	1	100	94.33

2020	TRIS	1.376393	97.22	100	1	97.22	100
2020	TRST	1.489473	100	100	1	100	100
2020	TSPC	3.364186	100	100	0	0	0
2020	UCID	2.410269	100	100	1	100	100
2020	ULTJ	2.562284	100	100	0	0	0
2020	UNIC	4.588776	96	83.33	0	0	0
2020	UNVR	3.652902	95	100	1	95	100
2020	VOKS	0.843626	90.15	100	1	90.15	100
2020	WIIM	3.576933	100	100	1	100	100
2020	WOOD	1.410511	100	100	1	100	100
2020	WSBP	-1.79215	89.13	84.6	1	89.13	84.6
2020	WTON	1.080661	100	100	1	100	100
2020	YPAS	1.88282	100	100	1	100	100
2020	ZONE	0.970593	100	100	1	100	100
2021	ADES	3.195925	100	100	1	100	100
2021	ADMG	2.966158	100	100	1	100	100
2021	AGII	0.815092	100	100	1	100	100
2021	AISA	-0.2961	100	100	1	100	100
2021	AKPI	1.537795	67	50	1	67	50
2021	ALDO	2.501196	100	100	1	100	100
2021	ALKA	7.446245	83	100	1	83	100
2021	ALMI	-0.13947	85	85	1	85	85
2021	AMFG	1.46662	100	97	1	100	97
2021	AMIN	1.234828	100	100	1	100	100
2021	APLI	2.05975	100	100	1	100	100
2021	ARGO	-4.48328	78	87	1	78	87
2021	ARKA	0.062908	100	100	1	100	100
2021	ARNA	3.794702	100	100	1	100	100

2021	ASII	1.992975	89	100	1	89	100
2021	AUTO	2.460736	50	96	1	50	96
2021	BAJA	2.923483	100	100	1	100	100
2021	BATA	1.798959	75	100	1	75	100
2021	BELL	1.559519	100	100	1	100	100
2021	BIMA	-0.57268	92	90	1	92	90
2021	BOLT	2.348769	100	100	1	100	100
2021	BRAM	2.678861	97	100	1	97	100
2021	BRNA	0.407548	100	75	1	100	75
2021	BRPT	1.080318	100	100	1	100	100
2021	BTON	2.703274	100	100	1	100	100
2021	BUDI	1.787976	100	100	1	100	100
2021	CAKK	2.387438	100	100	1	100	100
2021	CAMP	5.347036	90	100	0	0	0
2021	CCSI	2.449146	100	100	1	100	100
2021	CEKA	6.479825	94.43	100	0	0	0
2021	CINT	1.083763	95.24	91.67	1	95.24	91.67
2021	CLEO	2.938637	100	100	1	100	100
2021	CNTB	-1.11895	80	100	1	80	100
2021	COCO	1.614936	100	100	0	0	0
2021	CPIN	3.644326	100	96.3	1	100	96.3
2021	CPRO	2.682238	66.67	100	1	66.67	100
2021	CTBN	1.66934	88.89	91.67	1	88.89	91.67
2021	DLTA	3.650944	91.67	68.75	1	91.67	68.75
2021	DMND	3.697446	100	100	1	100	100
2021	DPNS	3.853256	83.3	100	0	0	0
2021	DVLA	2.809576	100	83.33	1	100	83.33
2021	EKAD	4.928526	85	100	1	85	100

2021	ERTX	1.672764	100	100	1	100	100
2021	ESIP	1.469847	100	100	0	0	0
2021	ETWA	-1.21683	77.08	8.33	1	77.08	8.33
2021	FASW	1.473551	90	72.33	1	90	72.33
2021	FOOD	0.788907	100	100	1	100	100
2021	FPNI	2.664421	100	100	1	100	100
2021	GDST	1.043844	65	100	1	65	100
2021	GDYR	1.789202	100	100	1	100	100
2021	GGRM	3.246012	100	100	1	100	100
2021	GGRP	2.038546	100	100	1	100	100
2021	GJTL	1.463254	88.89	100	1	88.89	100
2021	GMFI	-2.03279	88	97.25	1	88	97.25
2021	GOOD	2.190584	83.4	80	1	83.4	80
2021	HMSP	3.287889	100	100	1	100	100
2021	HOKI	2.227827	100	100	1	100	100
2021	ICBP	1.38927	100	100	1	100	100
2021	IFII	7.211881	100	100	1	100	100
2021	IGAR	4.533121	100	100	1	100	100
2021	IIKP	4.162671	87.5	100	0	0	0
2021	IKAI	0.319032	100	100	1	100	100
2021	IKAN	1.724854	100	100	1	100	100
2021	IKBI	2.72537	100	100	1	100	100
2021	IMAS	0.419931	90	100	1	90	100
2021	IMPC	2.198819	100	100	1	100	100
2021	INAF	1.647044	91.67	100	1	91.67	100
2021	INAI	1.148094	65	100	1	65	100
2021	INCI	2.799846	88.89	100	1	88.89	100
2021	INDF	1.424759	98.25	100	1	98.25	100

2021	INDR	2.109405	100	100	1	100	100
2021	INDS	2.910259	100	100	1	100	100
2021	INKP	1.529342	100	60	1	100	60
2021	INRU	-0.38982	100	100	1	100	100
2021	INTP	3.156144	85.71	100	1	85.71	100
2021	IPOL	1.934133	100	100	1	100	100
2021	ISSP	1.871602	66.5	100	1	66.5	100
2021	ITIC	1.075565	100	100	1	100	100
2021	JECC	1.365185	100	100	1	100	100
2021	JPFA	2.68289	100	100	1	100	100
2021	KAEF	1.21614	94.24	100	1	94.24	100
2021	KBLI	5.494976	75	100	1	75	100
2021	KBLM	2.754146	98	98	1	98	98
2021	KDSI	2.925711	100	100	1	100	100
2021	KIAS	2.102109	100	100	1	100	100
2021	KICI	2.195074	100	100	1	100	100
2021	KINO	1.528217	100	100	1	100	100
2021	KLBF	4.511073	88.09	100	1	88.09	100
2021	KRAS	0.128621	93	97.5	1	93	97.5
2021	LION	2.023698	100	91.67	1	100	91.67
2021	LMPI	0.708704	100	100	0	0	0
2021	LMSH	3.852075	100	100	1	100	100
2021	LPIN	5.815129	80	100	1	80	100
2021	MAIN	2.23825	100	100	1	100	100
2021	MARK	4.212547	100	100	1	100	100
2021	MASA	1.906739	80.67	100	1	80.67	100
2021	MBTO	0.089518	100	100	1	100	100
2021	MDKI	5.627096	90	100	0	0	0

2021	MERK	3.32187	100	100	1	100	100
2021	MLBI	2.234955	68.75	95	1	68.75	95
2021	MLIA	1.653575	83.33	83.33	1	83.33	83.33
2021	MOLI	1.958586	100	98	1	100	98
2021	MRAT	1.822998	81.25	100	1	81.25	100
2021	MYTX	-0.55621	100	100	1	100	100
2021	NIKL	1.604351	60	100	1	60	100
2021	PANI	2.024081	100	100	0	0	0
2021	PBID	4.683082	70	100	1	70	100
2021	PBRX	1.753293	79	100	1	79	100
2021	PEHA	1.169997	96.67	100	1	96.67	100
2021	PICO	0.176176	100	100	1	100	100
2021	POLU	0.795268	100	100	1	100	100
2021	PRAS	0.428674	100	100	0	0	0
2021	PSGO	0.92257	100	100	1	100	100
2021	PTSN	1.694678	100	100	1	100	100
2021	PYFA	0.802671	100	100	1	100	100
2021	RICY	1.155649	100	100	1	100	100
2021	RMBA	0.912739	100	100	1	100	100
2021	ROTI	2.415918	100	100	1	100	100
2021	SCCO	7.998639	100	100	1	100	100
2021	SIDO	5.232182	77.88	100	1	77.88	100
2021	SINI	2.543602	100	100	1	100	100
2021	SIPD	2.048041	100	100	1	100	100
2021	SKBM	2.657022	100	100	1	100	100
2021	SKLT	2.940375	70.67	100	1	70.67	100
2021	SLIS	2.371705	100	100	1	100	100
2021	SMBR	1.242422	86.2	100	1	86.2	100

2021	SMCB	1.317972	97.5	100	1	97.5	100
2021	SMGR	1.426641	92.75	88.67	1	92.75	88.67
2021	SMKL	1.75409	100	100	1	100	100
2021	SMSM	3.988954	100	100	1	100	100
2021	SPMA	2.576032	76	100	1	76	100
2021	SRIL	-3.37903	100	100	1	100	100
2021	SRSN	2.61183	100	100	1	100	100
2021	SSTM	1.313469	100	100	1	100	100
2021	STTP	4.747176	65	100	1	65	100
2021	SULI	-1.95435	100	100	1	100	100
2021	TALF	1.698745	78.25	85.71	1	78.25	85.71
2021	TBMS	5.605889	89.98	100	1	89.98	100
2021	TCID	2.545568	100	100	1	100	100
2021	TFCO	5.09264	90	100	1	90	100
2021	TKIM	1.411351	88.09	100	1	88.09	100
2021	TOTO	2.12882	100	100	1	100	100
2021	TPIA	1.696133	100	100	1	100	100
2021	TRIS	2.12805	95.84	100	1	95.84	100
2021	TRST	1.819258	100	100	1	100	100
2021	TSPC	3.401272	100	100	0	0	0
2021	UCID	2.725254	100	100	1	100	100
2021	ULTJ	3.527774	100	100	0	0	0
2021	UNIC	4.913092	90	90	0	0	0
2021	UNVR	3.417987	100	100	1	100	100
2021	VOKS	0.528729	91.14	100	1	91.14	100
2021	WIIM	3.519537	100	100	1	100	100
2021	WOOD	2.042939	100	100	1	100	100
2021	WSBP	-2.45431	96.88	93.38	1	96.88	93.38

2021	WTON	0.962818	100	100	1	100	100
2021	YPAS	1.835523	100	100	1	100	100
2021	ZONE	1.804487	100	100	1	100	100



Lampiran1. 3 Hasil SPSS

Hasil SPSS

Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
FRAUD	476	-4.7647470	7.9986391	2.126028578	1.668649667
DR	476	41.25	100.00	93.3749	11.21577
RA	476	.00	100.00	96.4239	10.56619
Valid N (listwise)	476				

Distribusi Frekuensi

Statistics

WBS

N	Valid	476
	Missing	0

WBS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	50	10.5	10.5	10.5
	1.00	426	89.5	89.5	100.0
Total		476	100.0	100.0	

Uji Multikolinieritas

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	3.320	.861		3.856	.000		
	DR	-.012	.007	-.078	-1.755	.080	.938	1.066
	RA	.015	.007	.096	2.142	.033	.940	1.064
	WBS	-1.744	.237	-.321	-7.362	.000	.987	1.013

a. Dependent Variable: FRAUD

Uji Autokorelasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.259 ^a	.067	.061	.79924	1.913

a. Predictors: (Constant), WBS, RA, DR

b. Dependent Variable: FRAUD

Uji Heteroskedastisitas

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.049	4.179		.251	.802
	DR	.014	.026	.148	.546	.585
	RA	-.012	.046	-.115	-.251	.802
	WBS	1.384	4.215	.399	.328	.743
	DRxWBS	-.029	.026	-.831	-1.108	.268
	RAxWBS	.012	.047	.364	.266	.790

a. Dependent Variable: absres

Uji Statistik F

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	169.996	5	33.999	13.864	.000 ^b
	Residual	1152.590	470	2.452		
	Total	1322.586	475			

a. Dependent Variable: FRAUD

b. Predictors: (Constant), RAXWBS, DR, RA, DRxWBS, WBS

Uji Koefisien Determinasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.359 ^a	.129	.119	1,565988347

a. Predictors: (Constant), RAXWBS, DR, RA, DRxWBS, WBS

b. Dependent Variable: FRAUD

Uji T

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	11.267	6.195		1.819	.070
	DR	-.105	.038	-.708	-2.767	.006
	RA	.026	.069	.165	.381	.704
	WBS	-9.994	6.248	-1.838	-1.600	.110
	DRxWBS	.097	.039	1.778	2.508	.012
	RAXWBS	-.011	.069	-.207	-.160	.873

a. Dependent Variable: FRAUD

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