

LAMPIRAN

Output SPSS

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
VOLUME	658	.0015198	.00820371	.00000	.15551
VALUE	658	.0015198	.00542441	.00000	.06615
FREQUENCY	658	.0015198	.00310872	.00000	.03281

Ranks

	Mean Rank
VOLUME	1.71
VALUE	1.56
FREQUENCY	2.73

Test Statistics

N	658
Kendall's W ^a	.410
Chi-Square	539.022
df	2
Asymp. Sig.	.000

a. Kendall's Coefficient of Concordance

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
VOLUME	658	.0015198	.00820371	.00000	.15551
VALUE	658	.0015198	.00542441	.00000	.06615
FREQUENCY	658	.0015198	.00310872	.00000	.03281

Wilcoxon Signed Ranks Test

		N	Mean Rank	Sum of Ranks
VALUE - VOLUME	Negative Ranks	381 ^a	316.52	120594.00
	Positive Ranks	276 ^b	346.23	95559.00
	Ties	1 ^c		
	Total	658		
FREQUENCY - VOLUME	Negative Ranks	83 ^d	392.48	32575.50
	Positive Ranks	575 ^e	320.41	184235.50
	Ties	0 ^f		
	Total	658		
FREQUENCY - VALUE	Negative Ranks	92 ^g	410.54	37770.00
	Positive Ranks	566 ^h	316.33	179041.00
	Ties	0 ⁱ		
	Total	658		

a. VALUE < VOLUME

b. VALUE > VOLUME

c. VALUE = VOLUME

d. FREQUENCY < VOLUME

e. FREQUENCY > VOLUME

f. FREQUENCY = VOLUME

g. FREQUENCY < VALUE

h. FREQUENCY > VALUE

i. FREQUENCY = VALUE

Test Statistics^a

	VALUE - VOLUME	FREQUENCY - VOLUME	FREQUENCY - VALUE
Z	-2.572 ^b	-15.545 ^c	-14.480 ^c
Asymp. Sig. (2-tailed)	.010	.000	.000

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

c. Based on negative ranks.

Daftar Saham BEI 2019

No	Code	Stock Name
1	AALI	Astra Agro Lestari Tbk. [S]
2	ABBA	Mahaka Media Tbk.
3	ABDA	Asuransi Bina Dana Arta Tbk.
4	ABMM	ABM Investama Tbk.
5	ACES	Ace Hardware Indonesia Tbk. [S]
6	ACST	Acset Indonusa Tbk. [S]
7	ADES	Akasha Wira International Tbk. [S]
8	ADHI	Adhi Karya (Persero) Tbk. [S]
9	ADMF	Adira Dinamika Multi Finance Tbk.
10	ADMG	Polychem Indonesia Tbk. [S]
11	ADRO	Adaro Energy Tbk. [S]
12	AGAR	Asia Sejahtera Mina Tbk. [S]
13	AGII	Aneka Gas Industri Tbk. [S]
14	AGRO	Bank Rakyat Indonesia Agroniaga Tbk.
15	AGRS	Bank IBK Indonesia Tbk.
16	AHAP	Asuransi Harta Aman Pratama Tbk.
17	AKKU	Anugerah Kagum Karya Utama Tbk. [S]
18	AKPI	Argha Karya Prima Industry Tbk. [S]
19	AKRA	AKR Corporindo Tbk. [S]
20	AKSI	Maming Enam Sembilan Mineral Tbk. [S]
21	ALDO	Alkindo Naratama Tbk. [S]
22	ALKA	Alakasa Industrindo Tbk. [S]
23	ALMI	Alumindo Light Metal Industry Tbk.
24	ALTO	Tri Banyan Tirta Tbk.
25	AMAG	Asuransi Multi Artha Guna Tbk.
26	AMFG	Asahimas Flat Glass Tbk.

27	AMIN	Ateliers Mecaniques D'Indonesie Tbk. [S]
28	AMRT	Sumber Alfaria Trijaya Tbk.
29	ANDI	Andira Agro Tbk. [S]
30	ANJT	Austindo Nusantara Jaya Tbk. [S]
31	ANTM	Aneka Tambang Tbk. [S]
32	APEX	Apexindo Pratama Duta Tbk.
33	APIC	Pacific Strategic Financial Tbk.
34	APII	Arita Prima Indonesia Tbk. [S]
35	APLI	Asiaplast Industries Tbk. [S]
36	APLN	Agung Podomoro Land Tbk. [S]
37	APOL	Arpeni Pratama Ocean Line Tbk.
38	ARII	Atlas Resources Tbk. [S]
39	ARKA	Arkha Jayanti Persada Tbk.
40	ARMY	Armidian Karyatama Tbk. [S]
41	ARNA	Arwana Citramulia Tbk. [S]
42	ARTA	Arthavest Tbk.
43	ARTI	Ratu Prabu Energi Tbk. [S]
44	ARTO	Bank Artos Indonesia Tbk.
45	ASBI	Asuransi Bintang Tbk.
46	ASDM	Asuransi Dayin Mitra Tbk.
47	ASGR	Astra Graphia Tbk. [S]
48	ASII	Astra International Tbk. [S]
49	ASJT	Asuransi Jasa Tania Tbk.
50	ASMI	Asuransi Kresna Mitra Tbk.
51	ASRI	Alam Sutera Realty Tbk. [S]
52	ASRM	Asuransi Ramayana Tbk.
53	ASSA	Adi Sarana Armada Tbk.
54	ATIC	Anabatic Technologies Tbk.
55	AUTO	Astra Otoparts Tbk. [S]
56	BABP	Bank MNC Internasional Tbk.
57	BACA	Bank Capital Indonesia Tbk.
58	BAJA	Saranacentral Bajatama Tbk.
59	BALI	Bali Towerindo Sentra Tbk. [S]
60	BAPA	Bekasi Asri Pemula Tbk. [S]
61	BAPI	Bhakti Agung Propertindo Tbk. [S]
62	BATA	Sepatu Bata Tbk. [S]
63	BAYU	Bayu Buana Tbk. [S]
64	BBCA	Bank Central Asia Tbk.
65	BBHI	Bank Harda Internasional Tbk.
66	BBKP	Bank Bukopin Tbk.
67	BBLD	Buana Finance Tbk.
68	BBMD	Bank Mestika Dharma Tbk.
69	BBNI	Bank Negara Indonesia (Persero) Tbk.

70	BBNP*	Bank Nusantara Parahyangan Tbk.
71	BBRI	Bank Rakyat Indonesia (Persero) Tbk.
72	BBRM	Pelayaran Nasional Bina Buana Raya Tbk.
73	BBTN	Bank Tabungan Negara (Persero) Tbk.
74	BBYB	Bank Yudha Bhakti Tbk.
75	BCAP	MNC Kapital Indonesia Tbk.
76	BCIP	Bumi Citra Permai Tbk. [S]
77	BDMN	Bank Danamon Indonesia Tbk.
78	BEEF	Estika Tata Tiara Tbk. [S]
79	BEKS	BPD Banten Tbk.
80	BELL	Trisula Textile Industries Tbk. [S]
81	BEST	Bekasi Fajar Industrial Estate Tbk. [S]
82	BFIN	BFI Finance Indonesia Tbk.
83	BGTG	Bank Ganesha Tbk.
84	BHIT	MNC Investama Tbk.
85	BIKA	Binakarya Jaya Abadi Tbk.
86	BIMA	Primarindo Asia Infrastructure Tbk.
87	BINA	Bank Ina Perdana Tbk.
88	BIPI	Astrindo Nusantara Infrastruktur Tbk.
89	BIPP	Bhuwanatala Indah Permai Tbk. [S]
90	BIRD	Blue Bird Tbk. [S]
91	BISI	Bisi International Tbk. [S]
92	BJBR	BPD Jawa Barat dan Banten Tbk.
93	BJTM	BPD Jawa Timur Tbk.
94	BKDP	Bukit Darmo Property Tbk. [S]
95	BKSL	Sentul City Tbk. [S]
96	BKSW	Bank QNB Indonesia Tbk.
97	BLTA	Berlian Laju Tanker Tbk.
98	BLTZ	Graha Layar Prima Tbk. [S]
99	BLUE	Berkah Prima Perkasa Tbk. [S]
100	BMAS	Bank Maspion Indonesia Tbk.
101	BMRI	Bank Mandiri (Persero) Tbk.
102	BMSR	Bintang Mitra Semestaraya Tbk. [S]
103	BMTR	Global Mediacom Tbk. [S]
104	BNBA	Bank Bumi Arta Tbk.
105	BNBR	Bakrie & Brothers Tbk.
106	BNGA	Bank CIMB Niaga Tbk.
107	BNII	Bank Maybank Indonesia Tbk.
108	BNLI	Bank Permata Tbk.
109	BOGA	Bintang Oto Global Tbk. [S]
110	BOLA	Bali Bintang Sejahtera Tbk. [S]
111	BOLT	Garuda Metalindo Tbk. [S]
112	BOSS	Borneo Olah Sarana Sukses Tbk. [S]

113	BPFI	Batavia Prosperindo Finance Tbk.
114	BPII	Batavia Prosperindo Internasional Tbk.
115	BPTR	Batavia Prosperindo Trans Tbk.
116	BRAM	Indo Kordsa Tbk. [S]
117	BRIS	Bank BRIsyariah Tbk. [S]
118	BRMS	Bumi Resources Minerals Tbk. [S]
119	BRNA	Berlina Tbk. [S]
120	BRPT	Barito Pacific Tbk. [S]
121	BSDE	Bumi Serpong Damai Tbk. [S]
122	BSIM	Bank Sinarmas Tbk.
123	BSSR	Baramulti Suksessarana Tbk. [S]
124	BTEK	Bumi Teknokultura Unggul Tbk. [S]
125	BTEL	Bakrie Telecom Tbk.
126	BTON	Betonjaya Manunggal Tbk. [S]
127	BTPN	Bank BTPN Tbk.
128	BTPS	Bank Tabungan Pensiunan Nasional Syariah Tbk. [S]
129	BUDI	Budi Starch & Sweetener Tbk. [S]
130	BUKK	Bukaka Teknik Utama Tbk. [S]
131	BULL	Buana Lintas Lautan Tbk. [S]
132	BUMI	Bumi Resources Tbk.
133	BUVA	Bukit Uluwatu Villa Tbk. [S]
134	BVIC	Bank Victoria International Tbk.
135	BWPT	Eagle High Plantations Tbk.
136	BYAN	Bayan Resources Tbk. [S]
137	CAKK	Cahayaputra Asa Keramik Tbk. [S]
138	CAMP	Campina Ice Cream Industry Tbk. [S]
139	CANI	Capitol Nusantara Indonesia Tbk. [S]
140	CARS	Industri dan Perdagangan Bintraco Dharma Tbk.
141	CASA	Capital Financial Indonesia Tbk.
142	CASS	Cardig Aero Services Tbk. [S]
143	CCSI	Communication Cable Systems Indonesia Tbk [S]
144	CEKA	Wilmar Cahaya Indonesia Tbk. [S]
145	CENT	Centratama Telekomunikasi Indonesia Tbk. [S]
146	CFIN	Clipan Finance Indonesia Tbk.
147	CINT	Chitose Internasional Tbk. [S]
148	CITA	Cita Mineral Investindo Tbk. [S]
149	CITY	Natura City Developments Tbk. [S]
150	CLAY	Citra Putra Realty Tbk.
151	CLEO	Sariguna Primatirta Tbk. [S]
152	CLPI	Colorpak Indonesia Tbk. [S]
153	CMNP	Citra Marga Nusaphala Persada Tbk. [S]
154	CMPP	AirAsia Indonesia Tbk. [S]

155	CNKO	Exploitasi Energi Indonesia Tbk.
156	CNTX	Century Textile Industry (PS) Tbk.
157	COCO	Wahana Interfood Nusantara Tbk. [S]
158	COWL	Cowell Development Tbk.
159	CPIN	Charoen Pokphand Indonesia Tbk. [S]
160	CPRI	Capri Nusa Satu Properti Tbk.
161	CPRO	Central Proteina Prima Tbk.
162	CSAP	Catur Sentosa Adiprana Tbk. [S]
163	CSIS	Cahayasakti Investindo Sukses Tbk. [S]
164	CTBN	Citra Tubindo Tbk. [S]
165	CTRA	Ciputra Development Tbk. [S]
166	CTTH	Citatah Tbk. [S]
167	DART	Duta Anggada Realty Tbk.
168	DAYA	Duta Intidaya Tbk. [S]
169	DEAL	Dewata Freightinternational Tbk. [S]
170	DEFI	Danasupra Erapacific Tbk.
171	DEWA	Darma Henwa Tbk. [S]
172	DFAM	Dafam Property Indonesia Tbk.
173	DGIK	Nusa Konstruksi Enjiniring Tbk. [S]
174	DIGI	Arkadia Digital Media Tbk. [S]
175	DILD	Intiland Development Tbk. [S]
176	DIVA	Distribusi Voucher Nusantara Tbk. [S]
177	DKFT	Central Omega Resources Tbk. [S]
178	DLTA	Delta Djakarta Tbk.
179	DMAS	Puradelta Lestari Tbk. [S]
180	DMMX	Digital Mediatama Maxima Tbk.
181	DNAR	Bank Oke Indonesia Tbk.
182	DNET	Indoritel Makmur Internasional Tbk.
183	DOID	Delta Dunia Makmur Tbk.
184	DPNS	Duta Pertiwi Nusantara Tbk. [S]
185	DPUM	Dua Putra Utama Makmur Tbk. [S]
186	DSFI	Dharma Samudera Fishing Industries Tbk. [S]
187	DSNG	Dharma Satya Nusantara Tbk.
188	DSSA	Dian Swastatika Sentosa Tbk. [S]
189	DUCK	Jaya Bersama Indo Tbk. [S]
190	DUTI	Duta Pertiwi Tbk. [S]
191	DVLA	Darya-Varia Laboratoria Tbk. [S]
192	DWGL	Dwi Guna Laksana Tbk. [S]
193	DYAN	Dyandra Media International Tbk. [S]
194	EAST	Eastparc Hotel Tbk. [S]
195	ECII	Electronic City Indonesia Tbk. [S]
196	EKAD	Ekadharna International Tbk. [S]
197	ELSA	Elnusa Tbk. [S]

198	ELTY	Bakrieland Development Tbk. [S]
199	EMDE	Megapolitan Developments Tbk.
200	EMTK	Elang Mahkota Teknologi Tbk. [S]
201	ENRG	Energi Mega Persada Tbk. [S]
202	ENVY	Envy Technologies Indonesia Tbk. [S]
203	EPMT	Enseval Putera Megatrading Tbk. [S]
204	ERAA	Erajaya Swasembada Tbk. [S]
205	ERTX	Eratex Djaja Tbk.
206	ESIP	Sinergi Inti Plastindo Tbk. [S]
207	ESSA	Surya Esa Perkasa Tbk.
208	ESTI	Ever Shine Tex Tbk.
209	ETWA	Eterindo Wahanatama Tbk.
210	EXCL	XL Axiata Tbk. [S]
211	FAST	Fast Food Indonesia Tbk. [S]
212	FASW	Fajar Surya Wisesa Tbk. [S]
213	FILM	MD Pictures Tbk. [S]
214	FINN	First Indo American Leasing Tbk.
215	FIRE	Alfa Energi Investama Tbk. [S]
216	FISH	FKS Multi Agro Tbk. [S]
217	FITT	Hotel Fitra International Tbk
218	FMII	Fortune Mate Indonesia Tbk. [S]
219	FOOD	Sentra Food Indonesia Tbk. [S]
220	FORU	Fortune Indonesia Tbk.
221	FORZ	Forza Land Indonesia Tbk.
222	FPNI	Lotte Chemical Titan Tbk. [S]
223	FREN	Smartfren Telecom Tbk. [S]
224	FUJI	Fuji Finance Indonesia Tbk.
225	GAMA	Gading Development Tbk. [S]
226	GDST	Gunawan Dianjaya Steel Tbk. [S]
227	GDYR	Goodyear Indonesia Tbk. [S]
228	GEMA	Gema Grahasarana Tbk. [S]
229	GGRM	Gudang Garam Tbk.
230	GGRP	Gunung Raja Paksi Tbk. [S]
231	GHON	Gihon Telekomunikasi Indonesia Tbk. [S]
232	GIAA	Garuda Indonesia (Persero) Tbk.
233	GJTL	Gajah Tungal Tbk. [S]
234	GLOB	Global Teleshop Tbk.
235	GLVA	Galva Technologies Tbk.
236	GMFI	Garuda Maintenance Facility Aero Asia Tbk. [S]
237	GMTD	Gowa Makassar Tourism Development Tbk. [S]
238	GOLD	Visi Telekomunikasi Infrastruktur Tbk. [S]
239	GOLL	Golden Plantation Tbk.
240	GOOD	Garudafood Putra Putri Jaya Tbk. [S]

241	GPRA	Perdana Gapuraprima Tbk. [S]
242	GSMF	Equity Development Investment Tbk.
243	GTBO	Garda Tujuh Buana Tbk. [S]
244	GWSA	Greenwood Sejahtera Tbk. [S]
245	GZCO	Gozco Plantations Tbk. [S]
246	HADE	Himalaya Energi Perkasa Tbk. [S]
247	HDFA	Radana Bhaskara Finance Tbk.
248	HDIT	Hensel Davest Indonesia Tbk. [S]
249	HDTX	Panasia Indo Resources Tbk. [S]
250	HEAL	Medikaloka Hermina Tbk. [S]
251	HELI	Jaya Trishindo Tbk. [S]
252	HERO	Hero Supermarket Tbk. [S]
253	HEXA	Hexindo Adiperkasa Tbk. [S]
254	HITS	Humpuss Intermoda Transportasi Tbk.
255	HKMU	HK Metals Utama Tbk. [S]
256	HMSP	H.M. Sampoerna Tbk.
257	HOKI	Buyung Poetra Sembada Tbk. [S]
258	HOME	Hotel Mandarin Regency Tbk.
259	HOTL	Saraswati Griya Lestari Tbk.
260	HRME	Menteng Heritage Realty Tbk. [S]
261	HRTA	Hartadinata Abadi Tbk. [S]
262	HRUM	Harum Energy Tbk. [S]
263	IATA	Indonesia Transport & Infrastructure Tbk. [S]
264	IBFN	Intan Baruprana Finance Tbk.
265	IBST	Inti Bangun Sejahtera Tbk. [S]
266	ICBP	Indofood CBP Sukses Makmur Tbk. [S]
267	ICON	Island Concepts Indonesia Tbk. [S]
268	IDPR	Indonesia Pondasi Raya Tbk. [S]
269	IFII	Indonesia Fibreboard Industry Tbk. [S]
270	IFSH	Ifishdeco Tbk. [S]
271	IGAR	Champion Pacific Indonesia Tbk. [S]
272	IIKP	Inti Agri Resources Tbk. [S]
273	IKAI	Intikeramik Alamasri Industri Tbk. [S]
274	IKBI	Sumi Indo Kabel Tbk. [S]
275	IMAS	Indomobil Sukses Internasional Tbk.
276	IMJS	Indomobil Multi Jasa Tbk.
277	IMPC	Impack Pratama Industri Tbk. [S]
278	INAF	Indofarma (Persero) Tbk. [S]
279	INAI	Indal Aluminium Industry Tbk.
280	INCF	Indo Komoditi Korpora Tbk.
281	INCI	Intanwijaya Internasional Tbk. [S]
282	INCO	Vale Indonesia Tbk. [S]
283	INDF	Indofood Sukses Makmur Tbk. [S]

284	INDR	Indo-Rama Synthetics Tbk. [S]
285	INDS	Indospring Tbk. [S]
286	INDX	Tanah Laut Tbk.
287	INDY	Indika Energy Tbk.
288	INKP	Indah Kiat Pulp & Paper Tbk.
289	INOV	Inocycle Technology Group Tbk.
290	INPC	Bank Artha Graha Internasional Tbk.
291	INPP	Indonesian Paradise Property Tbk. [S]
292	INPS	Indah Prakasa Sentosa Tbk. [S]
293	INRU	Toba Pulp Lestari Tbk. [S]
294	INTA	Intraco Penta Tbk.
295	INTD	Inter Delta Tbk. [S]
296	INTP	Indocement Tunggal Prakarsa Tbk. [S]
297	IPCC	Indonesia Kendaraan Terminal Tbk. [S]
298	IPCM	Jasa Armada Indonesia Tbk. [S]
299	IPOI	Indopoly Swakarsa Industry Tbk. [S]
300	IPTV	MNC Vision Networks Tbk. [S]
301	IRRA	Itama Ranoraya Tbk. [S]
302	ISAT	Indosat Tbk. [S]
303	ISSP	Steel Pipe Industry of Indonesia Tbk.
304	ITIC	Indonesian Tobacco Tbk.
305	ITMA	Sumber Energi Andalan Tbk. [S]
306	ITMG	Indo Tambangraya Megah Tbk. [S]
307	JAST	Jasnita Telekomindo Tbk. [S]
308	JAWA	Jaya Agra Wattie Tbk.
309	JAYA	Armada Berjaya Trans Tbk. [S]
310	JECC	Jembo Cable Company Tbk. [S]
311	JGLE	Graha Andrasentra Propertindo Tbk. [S]
312	JIHD	Jakarta International Hotels & Development Tbk. [S]
313	JKON	Jaya Konstruksi Manggala Pratama Tbk. [S]
314	JKSW	Jakarta Kyoei Steel Works Tbk.
315	JMAS	Asuransi Jiwa Syariah Jasa Mitra Abadi Tbk. [S]
316	JPFA	Japfa Comfeed Indonesia Tbk. [S]
317	JRPT	Jaya Real Property Tbk. [S]
318	JSKY	Sky Energy Indonesia Tbk. [S]
319	JSMR	Jasa Marga (Persero) Tbk. [S]
320	JSPT	Jakarta Setiabudi Internasional Tbk. [S]
321	JTPE	Jasuindo Tiga Perkasa Tbk. [S]
322	KAEF	Kimia Farma (Persero) Tbk. [S]
323	KARW	ICTSI Jasa Prima Tbk.
324	KAYU	Darmi Bersaudara Tbk. [S]
325	KBLI	KMI Wire and Cable Tbk. [S]

326	KBLM	Kabelindo Murni Tbk. [S]
327	KBLV	First Media Tbk. [S]
328	KBRI	Kertas Basuki Rachmat Indonesia Tbk.
329	KDSI	Kedawung Setia Industrial Tbk. [S]
330	KEEN	Kencana Energi Lestari Tbk. [S]
331	KEJU	Mulia Boga Raya Tbk. [S]
332	KIAS	Keramika Indonesia Assosiasi Tbk. [S]
333	KICI	Kedaung Indah Can Tbk. [S]
334	KIJA	Kawasan Industri Jababeka Tbk. [S]
335	KINO	Kino Indonesia Tbk. [S]
336	KIOS	Kioson Komersial Indonesia Tbk. [S]
337	KJEN	Krida Jaringan Nusantara Tbk. [S]
338	KKGI	Resource Alam Indonesia Tbk. [S]
339	KLBF	Kalbe Farma Tbk. [S]
340	KMTR	Kirana Megatara Tbk.
341	KOBX	Kobexindo Tractors Tbk. [S]
342	KOIN	Kokoh Inti Arebama Tbk. [S]
343	KONI	Perdana Bangun Pusaka Tbk.
344	KOPI	Mitra Energi Persada Tbk. [S]
345	KOTA	DMS Propertindo Tbk. [S]
346	KPAL	Steadfast Marine Tbk.
347	KPAS	Cottonindo Ariesta Tbk. [S]
348	KPIG	MNC Land Tbk. [S]
349	KRAH	Grand Kartech Tbk.
350	KRAS	Krakatau Steel (Persero) Tbk.
351	KREN	Kresna Graha Investama Tbk. [S]
352	LAND	Trimitra Propertindo Tbk.
353	LAPD	Leyand International Tbk. [S]
354	LCGP	Eureka Prima Jakarta Tbk. [S]
355	LCKM	LCK Global Kedaton Tbk. [S]
356	LEAD	Logindo Samudramakmur Tbk.
357	LIFE	Asuransi Jiwa Sinarmas MSIG Tbk.
358	LINK	Link Net Tbk. [S]
359	LION	Lion Metal Works Tbk. [S]
360	LMAS	Limas Indonesia Makmur Tbk. [S]
361	LMPI	Langgeng Makmur Industri Tbk. [S]
362	LMSH	Lionmesh Prima Tbk. [S]
363	LPCK	Lippo Cikarang Tbk. [S]
364	LPGI	Lippo General Insurance Tbk.
365	LPIN	Multi Prima Sejahtera Tbk. [S]
366	LPKR	Lippo Karawaci Tbk. [S]
367	LPLI	Star Pacific Tbk. [S]
368	LPPF	Matahari Department Store Tbk. [S]

369	LPPS	Lippo Securities Tbk.
370	LRNA	Eka Sari Lorena Transport Tbk. [S]
371	LSIP	PP London Sumatra Indonesia Tbk. [S]
372	LTLS	Lautan Luas Tbk. [S]
373	LUCK	Sentral Mitra Informatika Tbk. [S]
374	MABA	Marga Abhinaya Abadi Tbk.
375	MAGP	Multi Agro Gemilang Plantation Tbk. [S]
376	MAIN	Malindo Feedmill Tbk. [S]
377	MAMI	Mas Murni Indonesia Tbk.
378	MAPA	Map Aktif Adiperkasa Tbk. [S]
379	MAPB	MAP Boga Adiperkasa Tbk. [S]
380	MAPI	Mitra Adiperkasa Tbk. [S]
381	MARI	Mahaka Radio Integra Tbk.
382	MARK	Mark Dynamics Indonesia Tbk. [S]
383	MASA	Multistrada Arah Sarana Tbk. [S]
384	MAYA	Bank Mayapada Internasional Tbk.
385	MBAP	Mitrabara Adiperdana Tbk. [S]
386	MBSS	Mitrabahtera Segara Sejati Tbk. [S]
387	MBTO	Martina Berto Tbk. [S]
388	MCAS	M Cash Integrasi Tbk. [S]
389	MCOR	Bank China Construction Bank Indonesia Tbk.
390	MDIA	Intermedia Capital Tbk.
391	MDKA	Merdeka Copper Gold Tbk. [S]
392	MDKI	Emdeki Utama Tbk. [S]
393	MDLN	Modernland Realty Tbk. [S]
394	MDRN	Modern Internasional Tbk.
395	MEDC	Medco Energi Internasional Tbk.
396	MEGA	Bank Mega Tbk.
397	MERK	Merck Tbk. [S]
398	META	Nusantara Infrastructure Tbk. [S]
399	MFIN	Mandala Multifinance Tbk.
400	MFMI	Multifiling Mitra Indonesia Tbk. [S]
401	MGNA	Magna Investama Mandiri Tbk.
402	MGRO	Mahkota Group Tbk. [S]
403	MICE	Multi Indocitra Tbk. [S]
404	MIDI	Midi Utama Indonesia Tbk. [S]
405	MIKA	Mitra Keluarga Karyasehat Tbk. [S]
406	MINA	Sanurhasta Mitra Tbk. [S]
407	MIRA	Mitra International Resources Tbk. [S]
408	MITI	Mitra Investindo Tbk.
409	MKNT	Mitra Komunikasi Nusantara Tbk.
410	MKPI	Metropolitan Kentjana Tbk. [S]
411	MLBI	Multi Bintang Indonesia Tbk.

412	MLIA	Mulia Industrindo Tbk. [S]
413	MLPL	Multipolar Tbk. [S]
414	MLPT	Multipolar Technology Tbk. [S]
415	MMLP	Mega Manunggal Property Tbk. [S]
416	MNCN	Media Nusantara Citra Tbk. [S]
417	MOLI	Madusari Murni Indah Tbk.
418	MPMX	Mitra Pinasthika Mustika Tbk. [S]
419	MPOW	Megapower Makmur Tbk.
420	MPPA	Matahari Putra Prima Tbk. [S]
421	MPRO	Maha Properti Indonesia Tbk.
422	MRAT	Mustika Ratu Tbk. [S]
423	MREI	Maskapai Reasuransi Indonesia Tbk.
424	MSIN	MNC Studios International Tbk. [S]
425	MSKY	MNC Sky Vision Tbk. [S]
426	MTDL	Metrodata Electronics Tbk. [S]
427	MTFN	Capitaline Investment Tbk. [S]
428	MTLA	Metropolitan Land Tbk. [S]
429	MTPS	Meta Epsi Tbk. [S]
430	MTRA	Mitra Pemuda Tbk. [S]
431	MTSM	Metro Realty Tbk. [S]
432	MTWI	Malacca Trust Wuwungan Insurance Tbk.
433	MYOH	Samindo Resources Tbk. [S]
434	MYOR	Mayora Indah Tbk. [S]
435	MYRX	Hanson International Tbk.
436	MYRXP	Hanson International (Seri B) Tbk.
437	MYTX	Asia Pacific Investama Tbk.
438	NAGA*	Bank Mitraniaga Tbk.
439	NASA	Ayana Land International Tbk.
440	NATO	Nusantara Properti Internasional Tbk.
441	NELY	Pelayaran Nelly Dwi Putri Tbk. [S]
442	NFCX	NFC Indonesia Tbk. [S]
443	NICK	Charnic Capital Tbk.
444	NIKL	Pelat Timah Nusantara Tbk.
445	NIPS	Nipress Tbk.
446	NIRO	City Retail Developments Tbk.
447	NISP	Bank OCBC NISP Tbk.
448	NOBU	Bank Nationalnobu Tbk.
449	NRCA	Nusa Raya Cipta Tbk. [S]
450	NUSA	Sinergi Megah Internusa Tbk.
451	NZIA	Nusantara Almazia Tbk. [S]
452	OASA	Protech Mitra Perkasa Tbk. [S]
453	OCAP	Onix Capital Tbk.
454	OKAS	Ancora Indonesia Resources Tbk.

455	OMRE	Indonesia Prima Property Tbk. [S]
456	OPMS	Optima Prima Metal Sinergi Tbk. [S]
457	PADI	Minna Padi Investama Sekuritas Tbk.
458	PALM	Provident Agro Tbk. [S]
459	PAMG	Bima Sakti Pertiwi Tbk. [S]
460	PANI	Pratama Abadi Nusa Industri Tbk. [S]
461	PANR	Panorama Sentrawisata Tbk. [S]
462	PANS	Panin Sekuritas Tbk.
463	PBID	Panca Budi Idaman Tbk. [S]
464	PBRX	Pan Brothers Tbk.
465	PBSA	Paramita Bangun Sarana Tbk. [S]
466	PCAR	Prima Cakrawala Abadi Tbk. [S]
467	PDES	Destinasi Tirta Nusantara Tbk. [S]
468	PEGE	Panca Global Kapital Tbk.
469	PEHA	Phapros Tbk. [S]
470	PGAS	Perusahaan Gas Negara Tbk. [S]
471	PGLI	Pembangunan Graha Lestari Indah Tbk. [S]
472	PICO	Pelangi Indah Canindo Tbk. [S]
473	PJAA	Pembangunan Jaya Ancol Tbk. [S]
474	PKPK	Perdana Karya Perkasa Tbk.
475	PLIN	Plaza Indonesia Realty Tbk. [S]
476	PMJS	Putra Mandiri Jembar Tbk. [S]
477	PNBN	Bank Pan Indonesia Tbk.
478	PNBS	Bank Panin Dubai Syariah Tbk. [S]
479	PNIN	Paninvest Tbk.
480	PNLF	Panin Financial Tbk.
481	PNSE	Pudjiadi & Sons Tbk. [S]
482	POLA	Pool Advista Finance Tbk.
483	POLI	Pollux Investasi Internasional Tbk.
484	POLL	Pollux Properti Indonesia Tbk. [S]
485	POLU	Golden Flower Tbk [S]
486	POLY	Asia Pacific Fibers Tbk.
487	POOL	Pool Advista Indonesia Tbk.
488	PORT	Nusantara Pelabuhan Handal Tbk. [S]
489	POSA	Bliss Properti Indonesia Tbk.
490	POWR	Cikarang Listrindo Tbk. [S]
491	PPRE	PP Presisi Tbk. [S]
492	PPRO	PP Properti Tbk. [S]
493	PRAS	Prima Alloy Steel Universal Tbk.
494	PRDA	Prodia Widyahusada Tbk. [S]
495	PRIM	Royal Prima Tbk. [S]
496	PSAB	J Resources Asia Pasifik Tbk.
497	PSDN	Prasidha Aneka Niaga Tbk.

498	PSGO	Palma Serasih Tbk.
499	PSKT	Red Planet Indonesia Tbk. [S]
500	PSSI	Pelita Samudera Shipping Tbk. [S]
501	PTBA	Bukit Asam Tbk. [S]
502	PTIS	Indo Straits Tbk.
503	PTPP	PP (Persero) Tbk. [S]
504	PTRO	Petrosea Tbk. [S]
505	PTSN	Sat Nusapersada Tbk. [S]
506	PTSP	Pioneerindo Gourmet International Tbk. [S]
507	PUDP	Pudjadi Prestige Tbk. [S]
508	PURE	Trinitan Metals and Minerals Tbk.
509	PWON	Pakuwon Jati Tbk. [S]
510	PYFA	Pyridam Farma Tbk. [S]
511	PZZA	Sarimelati Kencana Tbk. [S]
512	RAJA	Rukun Raharja Tbk. [S]
513	RALS	Ramayana Lestari Sentosa Tbk. [S]
514	RANC	Supra Boga Lestari Tbk. [S]
515	RBMS	Ristia Bintang Mahkotasejati Tbk. [S]
516	RDTX	Roda Vivatex Tbk.
517	REAL	Repower Asia Indonesia Tbk. [S]
518	RELI	Reliance Sekuritas Indonesia Tbk.
519	RICY	Ricky Putra Globalindo Tbk. [S]
520	RIGS	Rig Tenders Indonesia Tbk. [S]
521	RIMO	Rimo International Lestari Tbk. [S]
522	RISE	Jaya Sukses Makmur Sentosa Tbk. [S]
523	RMBA	Bentoel Internasional Investama Tbk.
524	RODA	Pikko Land Development Tbk. [S]
525	ROTI	Nippon Indosari Corpindo Tbk. [S]
526	RUIS	Radiant Utama Interinsco Tbk. [S]
527	SAFE	Steady Safe Tbk.
528	SAME	Sarana Meditama Metropolitan Tbk. [S]
529	SAPX	Satria Antarana Prima Tbk. [S]
530	SATU	Kota Satu Properti Tbk.
531	SCCO	Supreme Cable Manufacturing & Commerce Tbk. [S]
532	SCMA	Surya Citra Media Tbk. [S]
533	SDMU	Sidomulyo Selaras Tbk. [S]
534	SDPC	Millennium Pharmacon International Tbk.
535	SDRA	Bank Woori Saudara Indonesia 1906 Tbk.
536	SFAN	Surya Fajar Capital Tbk
537	SGRO	Sampoerna Agro Tbk.
538	SHID	Hotel Sahid Jaya International Tbk. [S]
539	SHIP	Sillo Maritime Perdana Tbk.

540	SIDO	Industri Jamu dan Farmasi Sido Muncul Tbk. [S]
541	SILO	Siloam International Hospitals Tbk. [S]
542	SIMA	Siwani Makmur Tbk.
543	SIMP	Salim Ivomas Pratama Tbk. [S]
544	SINI	Singaraja Putra Tbk. [S]
545	SIPD	Sierad Produce Tbk. [S]
546	SKBM	Sekar Bumi Tbk. [S]
547	SKLT	Sekar Laut Tbk. [S]
548	SKRN	Superkrane Mitra Utama Tbk. [S]
549	SKYB	Northcliff Citranusa Indonesia Tbk. [S]
550	SLIS	Gaya Abadi Sempurna Tbk.
551	SMAR	SMART Tbk. [S]
552	SMBR	Semen Baturaja (Persero) Tbk. [S]
553	SMCB	Solusi Bangun Indonesia Tbk.
554	SMDM	Suryamas Dutamakmur Tbk.
555	SMDR	Samudera Indonesia Tbk. [S]
556	SMGR	Semen Indonesia (Persero) Tbk.
557	SMKL	Satyamitra Kemas Lestari Tbk.
558	SMMA	Sinar Mas Multiartha Tbk.
559	SMMT	Golden Eagle Energy Tbk. [S]
560	SMRA	Summarecon Agung Tbk. [S]
561	SMRU	SMR Utama Tbk. [S]
562	SMSM	Selamat Sempurna Tbk. [S]
563	SOCI	Soechi Lines Tbk.
564	SONA	Sona Topas Tourism Industry Tbk. [S]
565	SOSS	Shield on Service Tbk. [S]
566	SOTS	Satria Mega Kencana Tbk. [S]
567	SPMA	Suparma Tbk. [S]
568	SPTO	Surya Pertiwi Tbk. [S]
569	SQMI	Wilton Makmur Indonesia Tbk.
570	SRAJ	Sejahteraya Anugrahjaya Tbk. [S]
571	SRIL	Sri Rejeki Isman Tbk.
572	SRSN	Indo Acidatama Tbk. [S]
573	SRTG	Saratoga Investama Sedaya Tbk.
574	SSIA	Surya Semesta Internusa Tbk. [S]
575	SSMS	Sawit Sumbermas Sarana Tbk.
576	SSTM	Sunson Textile Manufacturer Tbk. [S]
577	STAR	Star Petrochem Tbk. [S]
578	STTP	Siantar Top Tbk. [S]
579	SUGI	Sugih Energy Tbk.
580	SULI	SLJ Global Tbk.
581	SUPR	Solusi Tunas Pratama Tbk.
582	SURE	Super Energy Tbk.

583	SWAT	Sriwahana Adityakarta Tbk. [S]
584	TALF	Tunas Alfin Tbk.
585	TAMU	Pelayaran Tamarin Samudra Tbk. [S]
586	TARA	Sitara Propertindo Tbk. [S]
587	TAXI	Express Transindo Utama Tbk.
588	TBIG	Tower Bersama Infrastructure Tbk.
589	TBLA	Tunas Baru Lampung Tbk.
590	TBMS	Tembaga Mulia Semanan Tbk. [S]
591	TCID	Mandom Indonesia Tbk. [S]
592	TCPI	Transcoal Pacific Tbk. [S]
593	TDPM	Tridomain Performance Materials Tbk. [S]
594	TEBE	Dana Brata Luhur Tbk. [S]
595	TELE	Tiphone Mobile Indonesia Tbk. [S]
596	TFAS	Telefast Indonesia Tbk. [S]
597	TFCO	Tifico Fiber Indonesia Tbk. [S]
598	TGKA	Tigaraksa Satria Tbk. [S]
599	TGRA	Terregra Asia Energy Tbk. [S]
600	TIFA	Tifa Finance Tbk.
601	TINS	Timah Tbk.
602	TIRA	Tira Austenite Tbk. [S]
603	TIRT	Tirta Mahakam Resources Tbk.
604	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.
605	TLKM	Telekomunikasi Indonesia (Persero) Tbk. [S]
606	TMAS	Temas Tbk. [S]
607	TMPO	Tempo Inti Media Tbk. [S]
608	TNCA	Trimuda Nuansa Citra Tbk. [S]
609	TOBA	Toba Bara Sejahtra Tbk. [S]
610	TOPS	Totalindo Eka Persada Tbk. [S]
611	TOTL	Total Bangun Persada Tbk. [S]
612	TOTO	Surya Toto Indonesia Tbk. [S]
613	TOWR	Sarana Menara Nusantara Tbk.
614	TPIA	Chandra Asri Petrochemical Tbk. [S]
615	TPMA	Trans Power Marine Tbk. [S]
616	TRAM	Trada Alam Minera Tbk. [S]
617	TRIL	Triwira Insanlestari Tbk. [S]
618	TRIM	Trimegah Sekuritas Indonesia Tbk.
619	TRIO	Trikonsel Oke Tbk.
620	TRIS	Trisula International Tbk. [S]
621	TRST	Trias Sentosa Tbk. [S]
622	TRUK	Guna Timur Raya Tbk. [S]
623	TRUS	Trust Finance Indonesia Tbk.
624	TSPC	Tempo Scan Pacific Tbk. [S]
625	TUGU	Asuransi Tugu Pratama Indonesia Tbk.

626	TURI	Tunas Ridean Tbk. [S]
627	UCID	Uni-Charm Indonesia Tbk [S]
628	ULTJ	Ultra Jaya Milk Industry & Trading Company Tbk. [S]
629	UNIC	Unggul Indah Cahaya Tbk. [S]
630	UNIT	Nusantara Inti Corpora Tbk. [S]
631	UNSP	Bakrie Sumatera Plantations Tbk.
632	UNTR	United Tractors Tbk. [S]
633	UNVR	Unilever Indonesia Tbk. [S]
634	URBN	Urban Jakarta Propertindo Tbk. [S]
635	VICO	Victoria Investama Tbk.
636	VINS	Victoria Insurance Tbk.
637	VIVA	Visi Media Asia Tbk. [S]
638	VOKS	Voksel Electric Tbk. [S]
639	VRNA	Verena Multi Finance Tbk.
640	WAPO	Wahana Pronatural Tbk. [S]
641	WEGE	Wijaya Karya Bangunan Gedung Tbk. [S]
642	WEHA	WEHA Transportasi Indonesia Tbk. [S]
643	WICO	Wicaksana Overseas International Tbk. [S]
644	WIIM	Wismilak Inti Makmur Tbk.
645	WIKA	Wijaya Karya (Persero) Tbk. [S]
646	WINS	Wintermar Offshore Marine Tbk. [S]
647	WOMF	Wahana Ottomitra Multiartha Tbk.
648	WOOD	Integra Indocabinet Tbk. [S]
649	WOWS	Ginting Jaya Energi Tbk. [S]
650	WSBP	Waskita Beton Precast Tbk. [S]
651	WSKT	Waskita Karya (Persero) Tbk.
652	WTON	Wijaya Karya Beton Tbk. [S]
653	YELO	Yelooo Integra Datanet Tbk. [S]
654	YPAS	Yanaprima Hastapersada Tbk. [S]
655	YULE	Yulie Sekuritas Indonesia Tbk.
656	ZBRA	Zebra Nusantara Tbk. [S]
657	ZINC	Kapuas Prima Coal Tbk. [S]
658	ZONE	Mega Perintis Tbk. [S]

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