

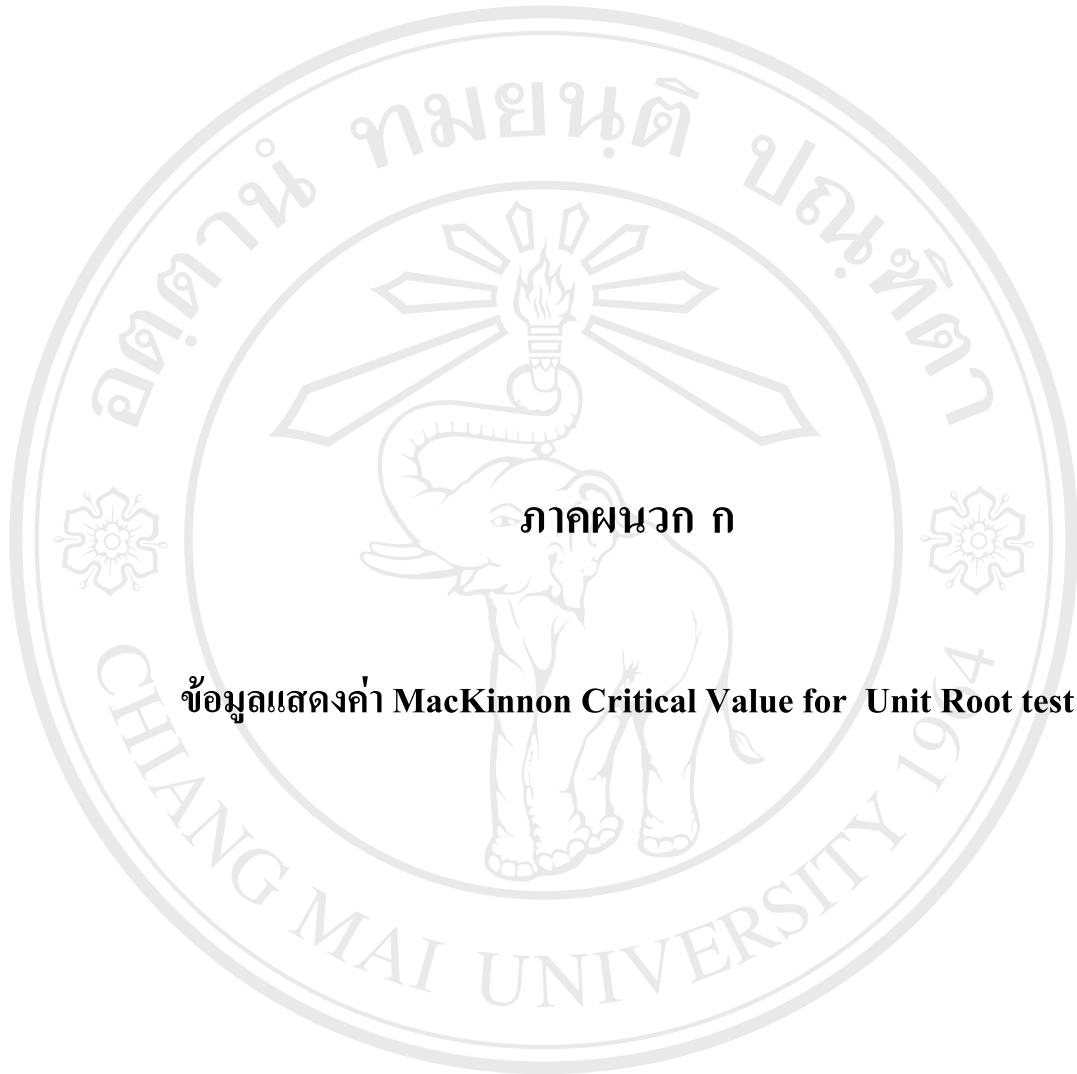


ภาคผนวก

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ภาคผนวก ก

ข้อมูลแสดงค่า MacKinnon Critical Value for Unit Root test

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ภาคผนวก ก

ตารางภาคผนวก ก แสดง MacKinnon Critical Value for Unit Root test ที่ $I(0)$

Lag 4

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5736	-3.4575	-3.9973
5 %	-1.9409	-2.8729	-3.4287
10 %	-1.6163	-2.5728	-3.1375

Lag 3

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5736	-3.4574	-3.9970
5 %	-1.9408	-2.8729	-3.4286
10 %	-1.6163	-2.5728	-3.1375

Lag 2

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5735	-3.4573	-3.9969
5 %	-1.9408	-2.8728	-3.4285
10 %	-1.6163	-2.5727	-3.1374

Lag 1

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5735	-3.4572	-3.9968
5 %	-1.9408	-2.8728	-3.4285
10 %	-1.6163	-2.5727	-3.1373

Lag 0

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5735	-3.4571	-3.9966
5 %	-1.9408	-2.8728	-3.4284
10 %	-1.6163	-2.5727	-3.1373

ที่มา : MacKinnon, J.G. (1991)

ตารางภาคผนวกที่ ๓ แสดง MacKinnon Critical Value for Unit Root test ที่ I(1)

Lag 4

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5736	-3.4576	-3.9973
5 %	-1.9409	-2.8730	-3.4287
10 %	-1.6163	-2.5728	-3.1375

Lag 3

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5736	-3.4575	-3.9972
5 %	-1.9408	-2.8729	-3.4286
10 %	-1.6163	-2.5728	-3.1375

Lag 2

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5735	-3.4574	-3.9970
5 %	-1.9408	-2.8729	-3.4285
10 %	-1.6163	-2.5728	-3.1374

Lag 1

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5735	-3.4572	-3.9969
5 %	-1.9408	-2.8728	-3.4285
10 %	-1.6163	-2.5727	-3.1374

Lag 0

Critical Value (%)	Without C&T	With C & Without T	With C&T
1 %	-2.5735	-3.4571	-3.9968
5 %	-1.9408	-2.8728	-3.4285
10 %	-1.6163	-2.5727	-3.1373

ที่มา : MacKinnon, J.G. (1991)



ภาคผนวก ข

ข้อมูลราคาและปริมาณการซื้อขายหลักทรัพย์ในรูปดอกกลีทีม
ของหลักทรัพย์กลุ่มบับเทิงและสันทนากการ

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ภาคผนวก ข

**ตารางภาคผนวก ข แสดงข้อมูลราคาการซื้อขายหลักทรัพย์ในรูปลอกการิทึมของหลักทรัพย์กลุ่ม
บันเทิงและสันทนาการ**

Date	BEC	CVD	GRAMMY	UBC	ITV
2000/1/2	1.424882	1.168792	1.10721	1.576917	-
2000/1/9	1.394452	1.122216	1.136721	1.550228	-
2000/1/16	1.480007	1.255273	1.209515	1.676694	-
2000/1/23	1.49693	1.273001	1.181844	1.633468	-
2000/1/30	1.50515	1.284431	1.173186	1.623249	-
2000/2/6	1.518514	1.273001	1.158362	1.574031	-
2000/2/13	1.499687	1.236789	1.155336	1.591065	-
2000/2/20	1.468347	1.153815	1.123852	1.540955	-
2000/2/27	1.474216	1.197281	1.11059	1.544068	-
2000/3/5	1.462398	1.153815	1.127105	1.559308	-
2000/3/12	1.450249	1.176091	1.201397	1.59384	-
2000/3/19	1.447158	1.20412	1.184691	1.550228	-
2000/3/26	1.444045	1.217484	1.193125	1.568202	-
2000/4/2	1.440909	1.168792	1.190332	1.480725	-
2000/4/9	1.434569	1.168792	1.130334	1.4843	-
2000/4/16	1.444045	1.190332	1.120574	1.518514	-
2000/4/23	1.424882	1.190332	1.11059	1.480725	-
2000/4/30	1.39794	1.176091	1.09691	1.4843	-
2000/5/7	1.365488	1.168792	1.08636	1.458638	-
2000/5/14	1.361728	1.130334	1.025306	1.380211	-
2000/5/21	1.38739	1.10551	1.075547	1.327359	-
2000/5/28	1.342423	1.021189	1.017033	1.317018	-
2000/6/4	1.369216	1.088136	1.0086	1.352183	-
2000/6/11	1.365488	1.10551	1.049218	1.380211	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2000/6/18	1.404834	1.09691	1.0086	1.375664	-
2000/6/25	1.365488	1.070038	0.995635	1.322219	-
2000/7/2	1.361728	1.041393	1	1.290035	-
2000/7/9	1.390935	1.041393	0.997823	1.290035	-
2000/7/16	1.390935	1.031408	1	1.249198	-
2000/7/23	1.404834	1.021189	1.004321	1.190332	-
2000/7/30	1.372912	1	1.004321	1.153815	-
2000/8/6	1.372912	1.021189	1.021189	1.197281	-
2000/8/13	1.394452	1.031408	1.041393	1.236789	-
2000/8/20	1.39794	1.021189	1.041393	1.243038	-
2000/8/27	1.401401	1	1.012837	1.217484	-
2000/9/3	1.38739	1.010724	1.0086	1.273001	-
2000/9/10	1.372912	0.995635	1	1.255273	-
2000/9/17	1.350248	0.995635	0.991226	1.210853	-
2000/9/24	1.318063	0.977724	0.954243	1.18327	-
2000/10/1	1.330414	0.982271	0.954243	1.217484	-
2000/10/8	1.290035	0.959041	0.954243	1.18327	-
2000/10/15	1.255273	0.934498	0.900367	1.10551	-
2000/10/22	1.322219	0.954243	0.934498	1.153815	-
2000/10/29	1.305351	0.94939	0.926857	1.113943	-
2000/11/5	1.357935	0.959041	0.959041	1.146128	-
2000/11/12	1.354108	0.982271	0.959041	1.130334	-
2000/11/19	1.380211	0.991226	0.951823	1.130334	-
2000/11/26	1.357935	0.982271	0.937016	1.10551	-
2000/12/3	1.330414	0.959041	0.929419	1.088136	-
2000/12/10	1.338456	0.959041	0.929419	1.09691	-
2000/12/17	1.326336	0.944483	0.911158	1.041393	-
2000/12/24	1.334454	0.954243	0.919078	0.991226	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2000/12/31	1.334454	0.954243	0.919078	0.991226	-
2001/1/7	1.354108	0.959041	0.931966	1.060698	-
2001/1/14	1.372912	0.982271	0.944483	1.153815	-
2001/1/21	1.390935	1.010724	1.004321	1.138303	-
2001/1/28	1.369216	1.010724	0.997823	1.230449	-
2001/2/4	1.372912	0.982271	0.959041	1.176091	-
2001/2/11	1.376577	0.954243	0.961421	1.153815	-
2001/2/18	1.376577	0.94939	0.986772	1.161368	-
2001/2/25	1.372912	0.94939	0.982271	1.146128	-
2001/3/4	1.350248	0.924279	0.991226	1.079181	-
2001/3/11	1.376577	0.919078	0.997823	1.070038	-
2001/3/18	1.354108	0.851258	0.982271	1.031408	-
2001/3/25	1.372912	0.875061	0.980003	1.041393	-
2001/4/1	1.380211	0.863323	0.984527	1.041393	-
2001/4/8	1.354108	0.886491	0.929419	1	-
2001/4/15	1.357935	0.880814	0.924279	1.010724	-
2001/4/22	1.361728	0.875061	0.926857	1.041393	-
2001/4/29	1.357935	0.869232	0.929419	1.031408	-
2001/5/6	1.354108	0.869232	0.929419	1.041393	-
2001/5/13	1.354108	0.857332	0.931966	1.031408	-
2001/5/20	1.334454	0.832509	0.939519	1	-
2001/5/27	1.346353	0.826075	0.942008	1	-
2001/6/3	1.338456	0.857332	0.931966	1.021189	-
2001/6/10	1.346353	0.857332	0.931966	1.010724	-
2001/6/17	1.365488	0.875061	0.931966	1.010724	-
2001/6/24	1.365488	0.869232	0.916454	1.010724	-
2001/7/1	1.383815	0.913814	0.921686	1.010724	-
2001/7/8	1.41162	0.944483	0.934498	1	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2001/7/15	1.41162	0.929419	0.937016	1	-
2001/7/22	1.404834	0.977724	0.929419	1	-
2001/7/29	1.365488	0.94939	0.919078	0.982271	-
2001/8/5	1.401401	0.944483	0.916454	0.995635	-
2001/8/12	1.41162	0.944483	0.919078	0.977724	-
2001/8/19	1.424882	0.939519	0.897627	0.977724	-
2001/8/26	1.453318	0.924279	0.886491	0.977724	-
2001/9/2	1.424882	0.913814	0.916454	0.973128	-
2001/9/9	1.418301	0.875061	0.926857	0.986772	-
2001/9/16	1.38739	0.778151	0.880814	0.869232	-
2001/9/23	1.357935	0.755875	0.851258	0.778151	-
2001/9/30	1.354108	0.763428	0.838849	0.78533	-
2001/10/7	1.383815	0.799341	0.854306	0.792392	-
2001/10/14	1.342423	0.819544	0.857332	0.78533	-
2001/10/21	1.338456	0.880814	0.90309	0.845098	-
2001/10/28	1.305351	0.875061	0.905796	0.838849	-
2001/11/4	1.322219	0.838849	0.905796	0.826075	-
2001/11/11	1.30963	0.80956	0.892095	0.851258	-
2001/11/18	1.298853	0.826075	0.897627	0.877947	-
2001/11/25	1.322219	0.845098	0.889302	0.913814	-
2001/12/2	1.322219	0.841985	0.911158	0.921686	-
2001/12/9	1.30103	0.841985	0.919078	0.921686	-
2001/12/16	1.30963	0.819544	0.919078	0.883661	-
2001/12/23	1.30963	0.826075	0.919078	0.872156	-
2001/12/30	1.313867	0.826075	0.929419	0.872156	-
2002/1/6	1.322219	0.841985	0.942008	0.94939	-
2002/1/13	1.350248	0.875061	0.980003	1.093422	-
2002/1/20	1.330414	0.838849	0.975432	1.041393	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2002/1/27	1.334454	0.848189	0.977724	1.060698	-
2002/2/3	1.383815	0.866287	1.029384	1.10721	-
2002/2/10	1.394452	0.886491	1.060698	1.155336	-
2002/2/17	1.390935	0.929419	1.068186	1.181844	-
2002/2/24	1.346353	0.854306	1.045323	1.20412	-
2002/3/3	1.380211	0.860338	1.103804	1.247973	-
2002/3/10	1.390935	0.929419	1.064458	1.271842	-
2002/3/17	1.390935	0.880814	1.064458	1.209515	0.767156
2002/3/24	1.418301	0.886491	1.071882	1.220108	0.767156
2002/3/31	1.424882	0.875061	1.093422	1.20412	0.736397
2002/4/7	1.383815	0.875061	1.045323	1.206826	0.774517
2002/4/14	1.401401	0.886491	1.093422	1.222716	0.770852
2002/4/21	1.424882	0.905796	1.10721	1.214844	0.763428
2002/4/28	1.421604	0.880814	1.11059	1.206826	0.752048
2002/5/5	1.39794	0.872156	1.113943	1.181844	0.755875
2002/5/12	1.394452	0.897627	1.149219	1.193125	0.759668
2002/5/19	1.361728	0.869232	1.167317	1.255273	0.767156
2002/5/26	1.39794	0.860338	1.238046	1.232996	0.770852
2002/6/2	1.390935	0.851258	1.225309	1.262451	0.799341
2002/6/9	1.428135	0.848189	1.230449	1.25042	0.767156
2002/6/16	1.414973	0.951823	1.260071	1.267172	0.774517
2002/6/23	1.390935	0.854306	1.25042	1.225309	0.748188
2002/6/30	1.380211	0.848189	1.252853	1.214844	0.748188
2002/7/7	1.404834	0.863323	1.267172	1.232996	0.755875
2002/7/14	1.38739	0.89487	1.274158	1.227887	0.763428
2002/7/21	1.390935	0.934498	1.322219	1.245513	0.763428
2002/7/28	1.334454	0.905796	1.305351	1.227887	0.744293
2002/8/4	1.354108	0.877947	1.324282	1.25042	0.740363

Date	BEC	CVD	GRAMMY	UBC	ITV
2002/8/11	1.342423	0.857332	1.322219	1.247973	0.732394
2002/8/18	1.380211	0.854306	1.334454	1.238046	0.732394
2002/8/25	1.354108	0.863323	1.326336	1.227887	0.728354
2002/9/1	1.357935	0.860338	1.320146	1.217484	0.720159
2002/9/8	1.342423	0.857332	1.324282	1.173186	0.70757
2002/9/15	1.342423	0.857332	1.31597	1.184691	0.70757
2002/9/22	1.334454	0.848189	1.311754	1.176091	0.703291
2002/9/29	1.305351	0.841985	1.283301	1.130334	0.675778
2002/10/6	1.313867	0.832509	1.278754	1.089905	0.675778
2002/10/13	1.298853	0.826075	1.264818	1.064458	0.664642
2002/10/20	1.287802	0.845098	1.269513	1.089905	0.668386
2002/10/27	1.292256	0.854306	1.267172	1.123852	0.683047
2002/11/3	1.322219	0.848189	1.267172	1.143015	0.684845
2002/11/10	1.338456	0.838849	1.287802	1.11059	0.679428
2002/11/17	1.318063	0.838849	1.30963	1.149219	0.662758
2002/11/24	1.322219	0.897627	1.298853	1.170262	0.660865
2002/12/1	1.330414	0.929419	1.294466	1.232996	0.690196
2002/12/8	1.322219	0.905796	1.290035	1.209515	0.681241
2002/12/15	1.326336	0.892095	1.285557	1.190332	0.660865
2002/12/22	1.305351	0.916454	1.264818	1.176091	0.653213
2002/12/29	1.30963	0.937016	1.252853	1.161368	0.633468
2003/1/5	1.294466	0.929419	1.25042	1.176091	0.633468
2003/1/12	1.294466	0.954243	1.252853	1.212188	0.617
2003/1/19	1.313867	0.980003	1.267172	1.193125	0.617
2003/1/26	1.342423	0.986772	1.269513	1.20412	0.614897
2003/2/2	1.334454	0.970812	1.25042	1.184691	0.614897
2003/2/9	1.346353	0.989005	1.262451	1.1959	0.653213
2003/2/16	1.342423	1	1.303196	1.181844	0.70757

Date	BEC	CVD	GRAMMY	UBC	ITV
2003/2/23	1.338456	1.158362	1.294466	1.178977	0.691965
2003/3/2	1.313867	1.136721	1.296665	1.161368	0.670246
2003/3/9	1.30963	1.130334	1.30963	1.178977	0.677607
2003/3/16	1.305351	1.139879	1.303196	1.181844	0.672098
2003/3/23	1.30963	1.136721	1.313867	1.176091	0.673942
2003/3/30	1.313867	1.190332	1.330414	1.187521	0.681241
2003/4/6	1.305351	1.225309	1.303196	1.187521	0.703291
2003/4/13	1.30963	1.260071	1.311754	1.20412	0.759668
2003/4/20	1.305351	1.247973	1.318063	1.201397	0.759668
2003/4/27	1.296665	1.217484	1.32838	1.184691	0.736397
2003/5/4	1.313867	1.240549	1.346353	1.184691	0.736397
2003/5/11	1.322219	1.255273	1.354108	1.20412	0.770852
2003/5/18	1.334454	1.264818	1.342423	1.190332	0.788875
2003/5/25	1.338456	1.264818	1.330414	1.245513	0.832509
2003/6/1	1.346353	1.260071	1.352183	1.232996	0.845098
2003/6/8	1.346353	1.367356	1.32838	1.235528	0.838849
2003/6/15	1.369216	1.361728	1.326336	1.220108	0.851258
2003/6/22	1.372912	1.376577	1.344392	1.230449	0.931966
2003/6/29	1.372912	1.371068	1.330414	1.267172	0.963788
2003/7/6	1.394452	1.385606	1.361728	1.262451	0.959041
2003/7/13	1.39794	1.365488	1.342423	1.240549	0.931966
2003/7/20	1.40824	1.359835	1.354108	1.227887	0.908485
2003/7/27	1.418301	1.383815	1.354108	1.206826	0.924279
2003/8/3	1.390935	1.396199	1.356026	1.20412	0.926857
2003/8/10	1.40824	1.423246	1.350248	1.225309	0.961421
2003/8/17	1.414973	1.419129	1.352183	1.25042	0.966142
2003/8/24	1.401401	1.439333	1.350248	1.222716	0.959041
2003/8/31	1.390935	1.473487	1.33646	1.240549	1.012837

Date	BEC	CVD	GRAMMY	UBC	ITV
2003/9/7	1.38739	1.443263	1.338456	1.260071	1.037426
2003/9/14	1.380211	1.414973	1.320146	1.271842	1.075547
2003/9/21	1.376577	1.39794	1.342423	1.252853	1.033424
2003/9/28	1.372912	1.402261	1.326336	1.276462	1.068186
2003/10/5	1.357935	1.385606	1.296665	1.240549	1.064458
2003/10/12	1.394452	1.392697	1.298853	1.243038	1.064458
2003/10/19	1.39794	1.423246	1.30963	1.238046	1.123852
2003/10/26	1.383815	1.4843	1.311754	1.232996	1.170262
2003/11/2	1.383815	1.615424	1.326336	1.269513	1.149219
2003/11/9	1.383815	1.653213	1.320146	1.389166	1.176091
2003/11/16	1.404834	1.628389	1.307496	1.378398	1.155336
2003/11/23	1.346353	1.565257	1.294466	1.332438	1.133539
2003/11/30	1.338456	1.571126	1.274158	1.356026	1.176091
2003/12/7	1.354108	1.525045	1.278754	1.40654	1.217484
2003/12/14	1.346353	1.521792	1.278754	1.369216	1.240549
2003/12/21	1.326336	1.511883	1.292256	1.410777	1.40654
2003/12/28	1.322219	1.477121	1.278754	1.473487	1.487845
2004/1/4	1.354108	1.477121	1.30103	1.454845	1.473487
2004/1/11	1.340444	1.565257	1.313867	1.477121	1.458638
2004/1/18	1.340444	1.556303	1.324282	1.431364	1.431364
2004/1/25	1.324282	1.537819	1.290035	1.369216	1.427324
2004/2/1	1.276462	1.473487	1.278754	1.367356	1.410777
2004/2/8	1.318063	1.544068	1.287802	1.371068	1.33646
2004/2/15	1.318063	1.612784	1.278754	1.39794	1.354108
2004/2/22	1.307496	1.574031	1.271842	1.374748	1.322219
2004/2/29	1.290035	1.544068	1.267172	1.382017	1.287802
2004/3/7	1.285557	1.544068	1.255273	1.363612	1.267172
2004/3/14	1.274158	1.562293	1.252853	1.332438	1.313867

Date	BEC	CVD	GRAMMY	UBC	ITV
2004/3/21	1.271842	1.487845	1.247973	1.330414	1.283301
2004/3/28	1.267172	1.396199	1.212188	1.30103	1.225309
2004/4/4	1.290035	1.392697	1.214844	1.287802	1.271842
2004/4/11	1.271842	1.361728	1.201397	1.318063	1.235528
2004/4/18	1.267172	1.369216	1.201397	1.320146	1.240549
2004/4/25	1.269513	1.322219	1.1959	1.318063	1.212188
2004/5/2	1.264818	1.274158	1.146128	1.276462	1.178977
2004/5/9	1.255273	1.260071	1.146128	1.243038	1.155336
2004/5/16	1.227887	1.243038	1.120574	1.227887	1.158362
2004/5/23	1.209515	1.240549	1.155336	1.214844	1.1959
2004/5/30	1.217484	1.287802	1.198657	1.25042	1.176091
2004/6/6	1.206826	1.30103	1.198657	1.230449	1.167317
2004/6/13	1.214844	1.285557	1.206826	1.243038	1.158362
2004/6/20	1.255273	1.283301	1.214844	1.264818	1.170262
2004/6/27	1.269513	1.276462	1.181844	1.281033	1.184691
2004/7/4	1.267172	1.30963	1.187521	1.278754	1.1959
2004/7/11	1.281033	1.305351	1.201397	1.267172	1.1959
2004/7/18	1.257679	1.294466	1.1959	1.252853	1.170262
2004/7/25	1.232996	1.294466	1.201397	1.243038	1.173186
2004/8/1	1.247973	1.274158	1.20412	1.227887	1.155336
2004/8/8	1.247973	1.247973	1.1959	1.187521	1.123852
2004/8/15	1.247973	1.238046	1.190332	1.190332	1.079181
2004/8/22	1.230449	1.243038	1.198657	1.243038	1.09691
2004/8/29	1.257679	1.232996	1.184691	1.283301	1.123852
2004/9/5	1.262451	1.30103	1.181844	1.311754	1.127105
2004/9/12	1.264818	1.324282	1.184691	1.367356	1.133539
2004/9/19	1.274158	1.322219	1.201397	1.33646	1.217484
2004/9/26	1.267172	1.30963	1.1959	1.342423	1.181844

Date	BEC	CVD	GRAMMY	UBC	ITV
2004/10/3	1.255273	1.320146	1.198657	1.332438	1.1959
2004/10/10	1.235528	1.356026	1.217484	1.322219	1.206826
2004/10/17	1.212188	1.326336	1.198657	1.30963	1.178977
2004/10/24	1.230449	1.307496	1.198657	1.31597	1.184691
2004/10/31	1.1959	1.287802	1.201397	1.271842	1.173186
2004/11/7	1.20412	1.287802	1.1959	1.290035	1.170262
2004/11/14	1.181844	1.271842	1.190332	1.30103	1.176091
2004/11/21	1.178977	1.285557	1.1959	1.356026	1.170262
2004/11/28	1.187521	1.292256	1.214844	1.342423	1.167317
2004/12/5	1.173186	1.294466	1.222716	1.380211	1.161368
2004/12/12	1.176091	1.285557	1.222716	1.380211	1.149219
2004/12/19	1.173186	1.281033	1.232996	1.380211	1.149219
2004/12/26	1.176091	1.318063	1.232996	1.372912	1.143015

ที่มา : Reuters (2004)

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**ตารางภาคผนวก ข แสดงข้อมูลปริมาณการซื้อขายหลักทรัพย์ในรูปลอกการิทึมของหลักทรัพย์กลุ่ม
บันเทิงและสันทนาการ**

Date	BEC	CVD	GRAMMY	UBC	ITV
2000/1/2	3.749736	4.683578	3.919078	4.001863	-
2000/1/9	5.261358	4.808737	5.079543	4.649685	-
2000/1/16	5.150081	5.457447	5.388368	5.139832	-
2000/1/23	4.982723	5.337731	4.969835	4.989254	-
2000/1/30	5.016532	4.947992	4.519303	4.98553	-
2000/2/6	5.136657	4.721044	4.696706	4.92271	-
2000/2/13	5.422541	4.353878	4.579212	5.152457	-
2000/2/20	5.000564	4.252368	4.612254	4.905871	-
2000/2/27	5.065542	4.573776	5.007022	4.866901	-
2000/3/5	5.009621	4.51971	5.097882	4.591209	-
2000/3/12	4.848866	4.569456	5.094052	4.687172	-
2000/3/19	4.881841	4.92556	4.63769	4.412847	-
2000/3/26	4.786325	4.747249	4.002598	4.75037	-
2000/4/2	4.812245	4.470543	4.81882	4.924367	-
2000/4/9	4.820661	4.25193	3.901458	4.572988	-
2000/4/16	4.601299	4.07074	4.097951	4.263352	-
2000/4/23	4.638988	4.6675	3.974972	4.508974	-
2000/4/30	4.711217	3.825945	3.434569	4.201069	-
2000/5/7	4.692671	3.131619	3.768638	3.967969	-
2000/5/14	5.042339	3.994757	3.489958	4.365881	-
2000/5/21	4.919549	3.853698	3.521138	4.449725	-
2000/5/28	4.942306	4.088065	3.499687	4.564666	-
2000/6/4	5.010851	4.602407	4.619824	4.842971	-
2000/6/11	4.875293	4.475758	4.396025	4.670839	-
2000/6/18	4.730459	4.233275	4.489537	4.962582	-
2000/6/25	5.002468	3.67385	4.328583	4.542464	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2000/7/2	4.735838	3.758836	4.249932	4.36864	-
2000/7/9	4.703119	3.765892	4.092018	4.383061	-
2000/7/16	4.844353	3.715836	4.296446	4.587442	-
2000/7/23	4.432167	3.569959	3.804821	4.51545	-
2000/7/30	4.932879	3.804753	4.195346	4.963741	-
2000/8/6	4.964212	4.383277	3.997386	5.184723	-
2000/8/13	5.011063	4.331974	4.545802	4.945434	-
2000/8/20	4.688776	4.21822	4.176381	4.431074	-
2000/8/27	4.811642	3.691965	4.003029	4.152686	-
2000/9/3	4.896581	3.504878	4.071514	4.378398	-
2000/9/10	4.823018	3.554004	3.815578	4.272097	-
2000/9/17	5.10782	3.652826	3.841359	4.551279	-
2000/9/24	5.144263	3.46938	3.981819	4.392011	-
2000/10/1	4.54058	3.415808	3.521138	4.408427	-
2000/10/8	5.128464	3.07664	3.170262	3.974834	-
2000/10/15	5.334212	3.140822	4.443419	4.718061	-
2000/10/22	5.314836	3.599665	4.588944	4.789912	-
2000/10/29	4.749891	2.847573	4.008174	5.020535	-
2000/11/5	4.975616	3.441381	4.677516	5.200007	-
2000/11/12	5.289968	4.292057	4.528917	5.065486	-
2000/11/19	4.47261	3.90993	4.480007	4.485182	-
2000/11/26	4.909128	3.3485	4.066699	4.458789	-
2000/12/3	4.489958	2.775246	3.466868	4.198575	-
2000/12/10	4.596927	1.612784	3.217484	3.905472	-
2000/12/17	4.923814	2.673942	4.075182	4.832324	-
2000/12/24	4.719994	3.224274	4.144574	4.646482	-
2000/12/31	4.099335	2.255273	4.349472	4.391958	-
2001/1/7	5.078783	2.980003	4.611511	4.765147	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2001/1/14	5.293009	4.070924	5.194431	5.260915	-
2001/1/21	5.209595	4.790862	5.536987	4.95272	-
2001/1/28	5.099093	4.649169	4.590061	5.050917	-
2001/2/4	5.039692	3.774663	4.741073	4.865968	-
2001/2/11	4.742961	3.843108	4.640978	4.587296	-
2001/2/18	4.462997	3.166726	4.616476	4.892518	-
2001/2/25	4.481012	3.63266	4.707826	4.673804	-
2001/3/4	4.920436	4.305029	4.718253	4.774225	-
2001/3/11	4.675412	3.162564	4.287578	4.320229	-
2001/3/18	4.638489	3.276921	4.171434	4.338576	-
2001/3/25	4.950851	4.324056	4.375664	3.951677	-
2001/4/1	4.845904	3.765818	4.546913	4.117669	-
2001/4/8	5.116442	4.578639	3.978181	5.026149	-
2001/4/15	4.747489	4.102262	3.421604	4.73654	-
2001/4/22	4.911743	4.543783	4.389343	5.422964	-
2001/4/29	4.746011	3.84042	4.141763	4.785038	-
2001/5/6	4.445293	3.578754	3.130334	4.452201	-
2001/5/13	4.703377	4.254596	3.703291	4.000477	-
2001/5/20	4.987309	4.198245	4.323046	4.350481	-
2001/5/27	5.017743	4.367263	4.864926	4.679964	-
2001/6/3	5.357058	4.52839	4.563481	5.358882	-
2001/6/10	5.009536	4.877751	4.463445	5.065449	-
2001/6/17	5.225619	4.480725	4.852785	4.829033	-
2001/6/24	4.843793	3.954532	4.394277	5.187185	-
2001/7/1	5.17374	4.744887	4.704837	4.58807	-
2001/7/8	5.334655	4.473195	4.833657	4.496708	-
2001/7/15	5.322963	4.486671	5.185684	4.798616	-
2001/7/22	4.739177	5.174827	4.275542	4.973553	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2001/7/29	4.956361	5.068434	4.333246	4.211788	-
2001/8/5	5.130237	4.323355	4.447933	4.232793	-
2001/8/12	4.908539	4.718635	4.409257	4.12998	-
2001/8/19	4.801335	4.069964	4.916296	4.556785	-
2001/8/26	5.099301	3.951483	4.682506	4.66649	-
2001/9/2	5.170878	4.092686	5.120442	4.77894	-
2001/9/9	4.963788	3.950706	5.204147	4.549579	-
2001/9/16	5.033343	4.278159	5.024075	4.210533	-
2001/9/23	5.259785	4.175425	4.331832	4.556797	-
2001/9/30	5.342363	3.845532	4.863501	4.987004	-
2001/10/7	5.113375	4.357725	4.904283	5.156392	-
2001/10/14	5.148942	4.189771	4.767453	5.151554	-
2001/10/21	5.24025	4.754165	4.949634	5.551494	-
2001/10/28	5.349414	4.662371	4.525822	5.258577	-
2001/11/4	4.980412	4.706342	4.290257	4.998821	-
2001/11/11	5.085291	4.428362	4.776556	5.21932	-
2001/11/18	5.450603	4.124276	4.586137	5.24639	-
2001/11/25	5.668731	4.435159	4.847943	5.260672	-
2001/12/2	5.098055	4.578708	4.576687	4.848749	-
2001/12/9	5.335538	4.160138	4.563244	4.623404	-
2001/12/16	5.020982	3.646698	4.145818	4.406557	-
2001/12/23	5.090223	3.502427	4.45194	5.025564	-
2001/12/30	4.636488	3.606166	3.888741	4.629603	-
2002/1/6	4.885644	3.744215	4.292034	4.780814	-
2002/1/13	5.406319	4.961706	4.650987	5.479819	-
2002/1/20	4.883377	4.103735	4.354685	5.214515	-
2002/1/27	5.33656	3.680517	4.34772	5.123995	-
2002/2/3	5.603437	4.458063	4.739256	5.761583	-

Date	BEC	CVD	GRAMMY	UBC	ITV
2002/2/10	4.974051	4.737041	4.5214	5.888221	-
2002/2/17	4.967127	4.936619	4.554973	5.448003	-
2002/2/24	5.241845	4.483116	4.611829	5.368062	-
2002/3/3	5.027064	4.29811	4.469085	5.036972	-
2002/3/10	5.332176	4.763727	5.00013	5.255451	-
2002/3/17	4.848559	4.294025	4.646992	4.79407	6.609475
2002/3/24	4.998347	4.117238	4.758458	4.661955	5.922931
2002/3/31	4.91719	4.175338	4.952356	4.757593	5.548781
2002/4/7	4.756408	3.670988	4.322219	4.799651	5.956808
2002/4/14	4.693815	3.549126	4.747334	4.202025	6.041783
2002/4/21	4.723866	4.197639	4.701827	4.526275	5.756614
2002/4/28	4.586362	4.180699	4.045714	4.54791	5.479332
2002/5/5	4.59395	3.645324	4.62076	4.47557	4.99603
2002/5/12	4.99839	3.978454	4.651181	4.820228	5.278244
2002/5/19	5.133699	3.822691	4.977266	5.2236	5.4214
2002/5/26	5.15235	3.87169	5.083108	5.093789	5.812443
2002/6/2	5.236487	3.945074	4.773274	5.281937	5.999944
2002/6/9	4.930389	3.980776	4.624385	4.945582	5.703638
2002/6/16	4.647676	5.071797	4.814714	5.055642	5.607131
2002/6/23	5.070998	4.997421	4.327359	4.941665	5.314219
2002/6/30	4.948999	4.182928	4.818094	4.837127	5.009464
2002/7/7	5.022758	4.246351	4.227887	4.631474	4.630804
2002/7/14	4.613736	4.680218	4.125156	4.640263	5.316386
2002/7/21	4.804616	4.899547	4.449633	4.367244	5.142618
2002/7/28	5.022964	4.849051	4.954001	4.132836	4.967557
2002/8/4	4.815113	4.29451	4.750323	4.704133	4.950233
2002/8/11	5.131362	4.191032	4.654244	4.878211	4.882422
2002/8/18	4.97511	3.647481	4.526985	4.173011	4.947076

Date	BEC	CVD	GRAMMY	UBC	ITV
2002/8/25	4.338855	4.214393	3.810165	3.944483	4.896636
2002/9/1	4.998434	3.623559	4.209381	3.817631	4.594293
2002/9/8	4.806655	3.259116	4.123688	4.267359	4.627632
2002/9/15	4.610128	3.880985	4.231801	4.20167	4.791319
2002/9/22	4.913973	3.84862	3.880413	4.004364	4.892056
2002/9/29	5.101472	3.494989	5.386322	4.102914	4.910347
2002/10/6	5.169998	3.058426	4.569046	4.873739	4.455621
2002/10/13	5.15664	3.190892	3.837652	4.45263	4.506708
2002/10/20	5.254258	3.186391	4.156822	4.67891	4.862418
2002/10/27	5.271261	3.266937	4.294444	4.827072	4.884025
2002/11/3	5.407289	3.743823	4.384783	4.817816	5.286315
2002/11/10	5.122019	3.304921	5.003258	4.874186	4.668824
2002/11/17	4.97534	3.396199	4.771536	5.110047	4.850548
2002/11/24	5.009323	4.034949	4.936378	4.800903	4.858303
2002/12/1	4.886998	3.967735	4.20227	5.118599	5.149444
2002/12/8	4.912063	3.1959	4.144823	4.567567	5.07652
2002/12/15	4.875698	3.360783	4.025552	4.381296	4.448413
2002/12/22	4.603902	3.461799	4.165482	4.152716	4.465353
2002/12/29	4.464042	3.422918	4.389095	4.348889	4.642643
2003/1/5	5.018368	2.799341	3.786538	3.367542	4.115577
2003/1/12	4.968109	3.897737	4.540617	4.968263	4.799403
2003/1/19	5.447995	3.886773	4.520628	4.792245	5.049702
2003/1/26	5.286164	3.163161	4.347193	4.696321	5.144761
2003/2/2	5.137987	3.332438	4.673344	4.075656	4.494141
2003/2/9	5.017451	2.912753	4.558781	4.6129	5.438738
2003/2/16	5.189855	3.537315	5.192985	4.529931	6.143353
2003/2/23	4.992333	4.626894	4.477005	4.503355	5.889364
2003/3/2	5.075328	4.196508	4.294091	3.824711	5.61331

Date	BEC	CVD	GRAMMY	UBC	ITV
2003/3/9	4.942901	3.713826	4.638719	4.497828	5.571176
2003/3/16	5.004407	2.935507	4.22858	4.283573	5.177187
2003/3/23	5.163847	3.303412	4.717878	4.036669	5.887504
2003/3/30	5.000477	3.995328	4.550571	4.332135	5.691329
2003/4/6	4.955303	4.374748	4.74086	4.398253	5.987577
2003/4/13	4.786893	3.999913	4.320811	4.775523	6.05401
2003/4/20	4.642069	3.840294	4.194764	4.650589	5.899609
2003/4/27	5.083252	3.848251	4.792041	4.382935	5.827873
2003/5/4	4.941611	3.573915	4.592488	3.815843	5.975009
2003/5/11	4.876507	4.091913	4.173769	4.849567	5.955612
2003/5/18	5.374363	3.916349	4.325741	4.577009	6.114581
2003/5/25	4.67431	3.940267	4.771124	5.542896	6.170829
2003/6/1	5.467652	3.704837	4.704562	5.242879	6.153414
2003/6/8	4.898396	4.803512	4.832962	4.682984	5.978252
2003/6/15	5.402141	4.546444	5.048034	5.125602	6.190829
2003/6/22	5.102914	3.790356	4.876368	4.91618	6.529873
2003/6/29	4.968903	3.99348	4.639008	5.794144	6.59367
2003/7/6	5.119981	4.231648	5.024941	5.584743	6.275442
2003/7/13	5.21672	3.807806	4.858531	5.106215	5.989217
2003/7/20	5.425404	4.034628	4.454464	4.588742	5.77661
2003/7/27	5.001301	4.078421	4.693023	5.023796	5.721446
2003/8/3	5.187493	4.347467	4.711377	5.148547	6.275342
2003/8/10	4.881613	4.535117	4.837083	5.201695	5.990828
2003/8/17	4.718917	3.776701	5.115348	5.321194	6.044608
2003/8/24	4.981456	4.345609	5.003098	5.072246	6.070215
2003/8/31	5.101231	4.733358	4.513697	5.115298	6.230926
2003/9/7	5.393013	4.155245	4.467238	5.325678	6.564969
2003/9/14	5.48776	4.081239	5.072823	5.171118	6.388853

Date	BEC	CVD	GRAMMY	UBC	ITV
2003/9/21	5.378125	3.879726	4.981805	5.213693	6.129305
2003/9/28	5.313361	3.974235	4.576698	4.972832	6.417026
2003/10/5	5.358715	3.79386	4.968824	4.684675	6.243523
2003/10/12	5.647217	3.351989	5.066918	4.918004	5.751343
2003/10/19	5.577997	4.126651	4.519053	4.569187	6.446514
2003/10/26	5.078058	4.250298	4.777738	4.73603	6.277326
2003/11/2	5.298678	5.535689	4.729367	5.188307	6.361389
2003/11/9	5.343527	5.444549	4.782179	5.485737	6.301296
2003/11/16	5.754379	4.797614	4.691417	5.136828	6.087266
2003/11/23	5.79089	3.982904	4.507829	4.921145	5.964955
2003/11/30	5.380338	3.836134	4.93524	4.563552	5.919919
2003/12/7	5.228221	3.798996	5.067376	5.356928	6.502123
2003/12/14	5.501073	3.507451	5.066464	5.015527	6.391345
2003/12/21	5.694114	3.847079	4.751017	5.320506	6.77556
2003/12/28	5.093176	4.024568	4.551438	5.797935	6.556507
2004/1/4	5.322839	3.493876	4.530776	4.982108	6.19443
2004/1/11	5.713701	4.216852	4.86209	5.469327	6.569756
2004/1/18	5.66867	3.960613	4.773743	5.268431	6.260562
2004/1/25	5.345344	3.572755	4.48824	5.336566	6.139574
2004/2/1	5.63731	3.791129	4.45028	5.574976	6.084006
2004/2/8	5.822881	4.326889	4.384568	5.210805	6.286957
2004/2/15	5.250693	5.160036	4.289589	5.221025	6.02079
2004/2/22	5.219315	4.626043	4.362086	5.308744	5.935186
2004/2/29	5.483455	3.606166	4.12785	4.906868	5.732547
2004/3/7	4.608194	2.803457	4.069113	4.599108	5.413179
2004/3/14	5.139753	3.422918	4.334212	5.094834	6.150117
2004/3/21	4.949468	3.234011	4.130912	5.23361	6.22693
2004/3/28	4.710414	3.664172	4.291946	4.912461	5.778673

Date	BEC	CVD	GRAMMY	UBC	ITV
2004/4/4	5.221148	3.674953	4.306618	5.205821	6.126882
2004/4/11	5.038028	3.383456	4.266349	4.934322	5.969491
2004/4/18	4.738535	2.953276	3.64365	3.947728	5.41146
2004/4/25	4.981524	3.269046	4.254403	4.583063	5.750958
2004/5/2	5.040159	3.227887	4.445199	4.699152	5.419286
2004/5/9	4.897693	2.696356	4.309481	4.685822	5.031316
2004/5/16	5.207354	3.449324	4.024157	5.165725	5.953977
2004/5/23	5.414704	3.13258	4.482316	4.998508	6.033511
2004/5/30	5.368746	3.470557	4.33718	5.04587	5.972254
2004/6/6	5.236985	3.279667	4.21495	4.271051	5.687115
2004/6/13	5.253936	2.952308	4.421834	4.651433	5.489406
2004/6/20	5.525788	2.893207	4.222014	4.494781	5.604985
2004/6/27	5.436778	3.180699	4.506721	4.532487	5.918907
2004/7/4	4.808002	4.116342	4.387959	4.169175	5.780627
2004/7/11	5.145982	3.707059	3.953856	4.005095	5.915011
2004/7/18	4.909994	3.242044	3.93932	3.733999	5.351659
2004/7/25	5.11585	2.96426	3.87303	3.918869	5.255396
2004/8/1	4.993952	3.172895	3.93932	4.181415	4.913745
2004/8/8	4.787198	2.884229	3.831614	4.428669	4.899957
2004/8/15	4.926348	3.062582	3.829561	4.810259	5.123424
2004/8/22	4.873385	2.93044	3.81816	5.15726	5.502296
2004/8/29	4.984032	3.902329	3.93922	4.784118	5.529843
2004/9/5	4.864665	4.554756	3.771073	4.907422	5.742881
2004/9/12	4.865566	4.06748	3.683857	5.038632	5.64367
2004/9/19	4.936167	3.766785	3.862489	5.072761	6.394772
2004/9/26	4.863834	3.084576	4.030478	4.626535	6.069147
2004/10/3	5.013537	3.668945	3.552181	4.854555	5.795498
2004/10/10	5.236321	4.124472	4.200495	4.409561	6.059866

Date	BEC	CVD	GRAMMY	UBC	ITV
2004/10/17	5.13107	3.668386	4.409307	4.52533	5.920488
2004/10/24	4.960414	3.686368	4.006851	4.916675	5.530918
2004/10/31	4.95637	3.105851	3.980503	4.759774	5.577806
2004/11/7	5.049381	3.203033	3.531862	4.515556	5.654275
2004/11/14	5.401076	3.340246	3.808143	5.047719	5.337022
2004/11/21	5.42534	3.771367	3.920645	5.054613	5.939396
2004/11/28	5.199525	3.76537	4.229989	4.690772	5.455131
2004/12/5	5.325189	3.766041	4.422426	4.748235	5.555989
2004/12/12	4.868233	3.117271	4.188225	4.241646	4.96707
2004/12/19	5.131526	3.505421	4.101369	5.050457	5.216599
2004/12/26	5.154737	4.07247	4.336039	4.70262	5.182126

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