

國立台灣大學理學院貴重儀器使用中心 元素分析儀報告書

Precision Instrumentation Center--Elemental Analysis Report College of Science, National Taiwan University



說明： 1.本文件為學術檢測成果，不作認證、法律訴訟及商業廣告使用。

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2. Instrument：德國 elementar UNI cube 型 (for NCSH, German)

Accuracy: $\pm 0.1\%$

Precision: $\pm 0.2\%$

Inaccuracy of instrument: $\pm 0.3\%$

3.儀器負責人：汪根權教授

技術員：陸靖蔚

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Acceptance date 2023/9/22
Analysis date 2023/10/4

Sample code	Date Time	Weight(mg)	Grp	N%	C%	S%	H%	Repeat	Charge
acetanilide	26.09.2023	3.980	standard	10.360	71.090	0.000	6.710		
standard 測出值	26.09.2023	3.956		10.370	71.060	0.000	6.771		
1	26.09.2023	9.990	humus	2.280	47.940		5.954	1	
1	26.09.2023	9.878	humus	2.280	49.400		6.621	1	
1	2023-10-03	10.511	humus	2.370	45.860		6.098	1	\$ 320
p.s. 樣品再現性不佳(內差 $\geq\pm 0.4\%$).									
2-U	26.09.2023	9.602	humus	2.070	47.940		6.054	1	
2-U	26.09.2023	9.705	humus	2.030	45.470		7.185	1	
2-U	2023-10-03	9.967	humus	2.130	46.220		6.397	1	\$ 320
p.s. 樣品再現性不佳(內差 $\geq\pm 0.4\%$).									
2-L	26.09.2023	9.573	humus	2.200	43.830		6.739	1	
2-L	26.09.2023	9.921	humus	2.200	43.870		6.920	1	\$ 320
2-O	26.09.2023	9.515	humus	2.180	44.270		6.840	1	
2-O	26.09.2023	9.703	humus	2.180	44.400		6.973	1	\$ 320
3	26.09.2023	9.746	humus	2.320	43.910		6.970	1	
3	26.09.2023	9.732	humus	2.280	44.000		7.018	1	\$ 320

Sample code	Date Time	Weight(mg)	Grp	N%	C%	S%	H%	Repeat	Charge
acetanilide	26.09.2023	3.980	standard	10.360	71.090	0.000	6.710		
standard 測出値	26.09.2023	3.956		10.370	71.060	0.000	6.771		
4	26.09.2023	9.652	humus	2.500	44.500		7.114	1	
4	26.09.2023	9.695	humus	2.750	44.680		7.114	1	\$ 320
5-U	2023-10-02	10.046	humus	2.470	45.670		5.950	1	
5-U	2023-10-03	10.215	humus	2.510	45.330		6.203	1	\$ 320
acetanilide	2023-10-02	3.645	standard	10.360	71.090	0.000	6.710		
standard 測出値	2023-10-02	3.962		10.360	71.100	0.000	6.702		
5-L	2023-10-02	10.346	humus	2.660	44.970		6.052	1	
5-L	2023-10-02	10.378	humus	2.500	45.110		6.056	1	\$ 320
5-O	2023-10-02	10.135	humus	2.490	45.890		6.277	1	
5-O	2023-10-02	10.286	humus	2.450	45.970		6.286	1	\$ 320
6	2023-10-02	10.177	humus	1.990	47.300		6.348	1	
6	2023-10-02	10.443	humus	2.060	47.180		6.373	1	\$ 320
7-U	2023-10-02	10.117	humus	2.120	46.450		6.425	1	
7-U	2023-10-02	10.036	humus	2.140	46.620		6.428	1	\$ 320
7-M	2023-10-02	10.022	humus	2.190	45.410		6.133	1	
7-M	2023-10-02	10.019	humus	2.100	45.310		6.138	1	\$ 320
7-L	2023-10-02	10.276	humus	2.230	44.780		6.029	1	
7-L	2023-10-02	10.621	humus	1.930	44.720		5.996	1	\$ 320
7-O	2023-10-02	9.768	humus	2.160	45.630		6.250	1	
7-O	2023-10-02	9.945	humus	2.140	45.680		6.216	1	\$ 320
acetanilide	2023-10-02	3.645	standard	10.360	71.090	0.000	6.710		
standard 測出値	2023-10-02	3.780		10.370	71.080	0.000	6.655		
8-U	2023-10-02	9.577	humus	2.060	46.680		6.263	1	
8-U	2023-10-02	9.846	humus	1.960	46.770		6.381	1	\$ 320
8-L	2023-10-02	10.333	humus	2.220	45.800		6.255	1	
8-L	2023-10-02	10.028	humus	2.110	45.740		6.251	1	\$ 320
8-O	2023-10-02	10.358	humus	2.170	46.360		6.262	1	
8-O	2023-10-02	10.195	humus	2.170	46.570		6.296	1	\$ 320
acetanilide	2023-10-03	4.023	standard	10.360	71.090	0.000	6.710		
standard 測出値	2023-10-03	3.906		10.370	71.080	0.000	6.711		
9-U	2023-10-03	10.224	humus	2.370	46.530		6.578	1	
9-U	2023-10-03	10.761	humus	2.470	46.330		6.587	1	\$ 320

Sample code	Date Time	Weight(mg)	Grp	N%	C%	S%	H%	Repeat	Charge
acetanilide	2023-10-03	4.023	standard	10.360	71.090	0.000	6.710		
standard 測出值	2023-10-03	3.906		10.370	71.080	0.000	6.711		
9-M	2023-10-03	10.161	humus	2.410	45.670		6.223	1	
9-M	2023-10-03	10.201	humus	2.440	45.570		6.235	1	\$ 320
9-L	2023-10-03	10.467	humus	2.310	44.660		6.193	1	
9-L	2023-10-03	10.379	humus	2.210	44.880		6.164	1	\$ 320
9-O	2023-10-03	10.685	humus	2.490	45.670		6.390	1	
9-O	2023-10-03	10.774	humus	2.450	45.710		6.357	1	\$ 320
10-U	2023-10-03	10.553	humus	2.120	46.670		6.601	1	
10-U	2023-10-03	10.218	humus	2.140	46.760		6.587	1	\$ 320
10-L	2023-10-03	10.514	humus	2.410	42.920		5.954	1	
10-L	2023-10-03	10.508	humus	2.420	42.960		5.973	1	\$ 320
10-O	2023-10-03	10.107	humus	2.330	44.520		6.105	1	
10-O	2023-10-03	10.501	humus	2.350	44.290		6.073	1	\$ 320
acetanilide	2023-10-03	4.023	standard	10.360	71.090	0.000	6.710		
standard 測出值	2023-10-03	3.751		10.360	71.040	0.000	6.717		
11-U	2023-10-03	10.380	humus	2.440	45.370		6.121	1	
11-U	2023-10-03	10.971	humus	2.490	45.320		6.245	1	\$ 320
11-M	2023-10-03	10.376	humus	2.450	45.960		6.406	1	
11-M	2023-10-03	10.151	humus	2.500	45.950		6.367	1	\$ 320
11-L	2023-10-03	10.853	humus	2.520	45.810		6.227	1	
11-L	2023-10-03	10.167	humus	2.460	45.810		6.216	1	\$ 320
11-O	2023-10-03	10.477	humus	2.170	46.030		6.507	1	
11-O	2023-10-03	10.619	humus	2.150	46.040		6.484	1	\$ 320
12-U	2023-10-03	10.350	humus	2.230	47.690		6.668	1	
12-U	2023-10-04	10.792	humus	2.110	47.550		6.508	1	\$ 320
12-M	2023-10-03	10.323	humus	2.240	47.060		6.362	1	
12-M	2023-10-03	10.726	humus	2.270	46.870		6.342	1	\$ 320
12-L	2023-10-03	10.583	humus	2.100	46.470		6.256	1	
12-L	2023-10-03	10.524	humus	2.160	46.470		6.267	1	\$ 320
12-O	2023-10-03	10.102	humus	2.160	46.840		6.406	1	
12-O	2023-10-03	10.520	humus	2.180	46.920		6.432	1	\$ 320