

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。

This result is for academic use only, not to be used for any judicial or commercial advertising purpose.

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

Instrument Director: Prof. Wong, Ken-Tsung

Operator: Ching-Wei Lu

Web. NO. 52023090031
User name 魏碩
Supervisor 柯柏如
Department 台大 生態演化所
Acceptance date 2023/9/22
Analysis date 2023/10/16

Sample code	Date Time	Weight(mg)	Grp	N%	C%	S%	H%	Repeat	Charge
acetanilide	2023-10-11	3.886	standard	10.360	71.090	0.000	6.710		
standard 測出值	2023-10-11	3.875		10.360	71.100	0.000	6.702		
13-U	2023-10-11	10.388	humus	2.460	45.040		6.071	1	
13-U	2023-10-11	10.740	humus	2.470	44.950		6.345	1	\$ 320
13-M	2023-10-11	10.957	humus	2.560	44.400		6.155	1	
13-M	2023-10-11	10.332	humus	2.500	44.650		6.159	1	\$ 320
13-L	2023-10-11	10.390	humus	2.540	45.280		6.098	1	
13-L	2023-10-11	10.494	humus	2.540	45.170		6.094	1	\$ 320
13-O	2023-10-11	10.188	humus	2.390	45.720		6.186	1	
13-O	2023-10-11	10.197	humus	2.440	45.510		6.234	1	\$ 320
14	2023-10-11	10.252	humus	2.430	46.140		6.479	1	
14	2023-10-11	10.333	humus	2.380	46.190		6.470	1	\$ 320
15	2023-10-11	10.329	humus	2.200	46.940		6.405	1	
15	2023-10-11	10.287	humus	2.220	46.900		6.373	1	\$ 320
16	2023-10-11	10.388	humus	2.440	46.150		6.394	1	
16	2023-10-11	10.486	humus	2.460	46.030		6.362	1	\$ 320

Sample code	Date Time	Weight(mg)	Grp	N%	C%	S%	H%	Repeat	Charge
acetanilide standard 測出值	2023-10-11	3.886	standard	10.360	71.090	0.000	6.710		
	2023-10-11	3.761		10.360	71.130	0.000	6.773		
17-U	2023-10-11	10.102	humus	2.380	46.500		6.117	1	
17-U	2023-10-11	10.161	humus	2.270	46.720		6.262	1	\$ 320
17-L	2023-10-11	10.856	humus	2.560	44.310		5.966	1	
17-L	2023-10-11	10.308	humus	2.620	44.090		5.975	1	\$ 320
17-O	2023-10-11	10.585	humus	2.590	44.660		6.236	1	
17-O	2023-10-11	10.364	humus	2.470	44.750		6.236	1	\$ 320
19-U	2023-10-11	10.997	humus	2.000	46.010		6.438	1	
19-U	2023-10-11	10.886	humus	2.000	45.990		6.427	1	\$ 320
19-M	2023-10-11	10.322	humus	2.150	45.960		6.192	1	
19-M	2023-10-11	10.691	humus	2.090	45.970		6.220	1	\$ 320
19-L	2023-10-11	10.707	humus	2.080	46.300		6.131	1	
19-L	2023-10-11	10.812	humus	2.100	46.310		6.132	1	\$ 320
19-O	2023-10-11	10.361	humus	2.130	46.170		6.356	1	
19-O	2023-10-11	10.095	humus	2.120	46.170		6.318	1	\$ 320
acetanilide standard 測出值	2023-10-11	3.886	standard	10.360	71.090	0.000	6.710		
	2023-10-11	4.138		10.360	71.060	0.000	6.704		
20-U	2023-10-11	10.475	humus	2.470	46.100		6.070	1	
20-U	2023-10-11	10.826	humus	2.380	46.120		6.225	1	\$ 320
20-L	2023-10-11	10.805	humus	2.450	45.280		6.089	1	
20-L	2023-10-11	10.561	humus	2.390	45.620		6.143	1	\$ 320
20-O	2023-10-11	10.376	humus	2.370	45.410		6.208	1	
20-O	2023-10-11	10.054	humus	2.320	45.490		6.233	1	\$ 320
21	2023-10-11	10.028	humus	2.210	45.860		6.277	1	
21	2023-10-11	10.149	humus	2.180	46.000		6.312	1	\$ 320
22-U	2023-10-11	10.354	humus	2.400	45.590		6.147	1	
22-U	2023-10-11	10.262	humus	2.280	45.600		6.187	1	\$ 320
22-M	2023-10-11	10.026	humus	2.440	44.920		5.996	1	
22-M	2023-10-11	10.546	humus	2.340	44.840		6.018	1	\$ 320
22-L	2023-10-11	10.855	humus	2.570	43.980		5.907	1	
22-L	2023-10-11	10.649	humus	2.580	44.010		5.894	1	\$ 320
22-O	2023-10-11	10.322	humus	2.430	44.390		6.097	1	
22-O	2023-10-11	10.678	humus	2.410	44.300		6.088	1	\$ 320

Sample code	Date Time	Weight(mg)	Grp	N%	C%	S%	H%	Repeat	Charge
acetanilide	2023-10-16	3.949		10.360	71.090	0.000	6.710		
standard 測出値	2023-10-16	3.987		10.360	71.060	0.000	6.763		
23-U	2023-10-16	10.624	humus	2.270	46.040		6.228	1	
23-U	2023-10-16	10.074	humus	2.300	46.110		6.491	1	\$ 320
23-L	2023-10-16	10.475	humus	2.420	45.520		6.167	1	
23-L	2023-10-16	10.128	humus	2.480	45.280		6.176	1	\$ 320
23-O	2023-10-16	10.346	humus	2.260	45.760		6.468	1	
23-O	2023-10-16	10.878	humus	2.310	45.430		6.428	1	\$ 320
24-U	2023-10-16	10.272	humus	2.350	45.440		6.436	1	
24-U	2023-10-16	10.762	humus	2.290	45.480		6.463	1	\$ 320
24-L	2023-10-16	10.424	humus	2.420	45.250		6.285	1	
24-L	2023-10-16	10.470	humus	2.420	45.290		6.277	1	\$ 320
24-O	2023-10-16	10.933	humus	2.340	45.410		6.343	1	
24-O	2023-10-16	10.438	humus	2.200	45.540		6.298	1	\$ 320
acetanilide	2023-10-16	4.141		10.360	71.090	0.000	6.710		
standard 測出値	2023-10-16	3.871		10.370	71.110	0.000	6.687		
25-U	2023-10-16	10.349	humus	2.230	46.400		6.276	1	
25-U	2023-10-16	10.183	humus	2.190	46.150		6.386	1	\$ 320
25-M	2023-10-16	10.375	humus	2.330	45.180		6.222	1	
25-M	2023-10-16	10.748	humus	2.340	45.000		6.240	1	\$ 320
25-L	2023-10-16	10.760	humus	2.460	46.010		6.173	1	
25-L	2023-10-16	10.533	humus	2.480	46.020		6.187	1	\$ 320
25-O	2023-10-16	10.554	humus	2.350	45.790		6.339	1	
25-O	2023-10-16	10.327	humus	2.340	45.940		6.362	1	\$ 320