


## Elemental Analysis Sample Results

**Name** Malcolm Halcrow  
**Organisation Name** University of Leeds  
**Purchase order number** FA4501081635

Standard – Acetanilide		
Element	Expected %	Found
Carbon	71.10 (+/- 0.23)	71.17
Hydrogen	6.71 (+/- 0.07)	6.67
Nitrogen	10.34 (+/- 0.09)	10.27

Analysis – mh5-CIO4			
Element	Expected %	Found (1)	Found (2)
Carbon	38.9	38.80	38.89
Hydrogen	2.67	2.41	2.53
Nitrogen	20.6	20.16	20.32

Analysis – mh721			
Element	Expected %	Found (1)	Found (2)
Carbon	39.0	38.99	38.83
Hydrogen	2.68	2.58	2.57
Nitrogen	20.7	20.46	20.37

Analysis – mh722 			
Element	Expected %	Found (1)	Found (2)
Carbon	38.9	38.89	38.88
Hydrogen	2.67	2.51	2.55
Nitrogen	20.6	20.30	20.35

<b>Analysis – mh723</b>			
<b>Element</b>	<b>Expected %</b>	<b>Found (1)</b>	<b>Found (2)</b>
<b>Carbon</b>	39.0	38.92	38.91
<b>Hydrogen</b>	2.68	2.50	2.49
<b>Nitrogen</b>	20.7	20.25	20.29

<b>Analysis – mh724</b>			
<b>Element</b>	<b>Expected %</b>	<b>Found (1)</b>	<b>Found (2)</b>
<b>Carbon</b>	39.0	38.99	38.91
<b>Hydrogen</b>	2.68	2.50	2.67
<b>Nitrogen</b>	20.7	20.33	20.49

<b>Analysis – mh724b</b>			
<b>Element</b>	<b>Expected %</b>	<b>Found (1)</b>	<b>Found (2)</b>
<b>Carbon</b>	39.0	39.00	39.00
<b>Hydrogen</b>	2.68	2.31	2.37
<b>Nitrogen</b>	20.7	20.19	20.22

<b>Analysis – PG14</b>			
<b>Element</b>	<b>Expected %</b>	<b>Found (1)</b>	<b>Found (2)</b>
<b>Carbon</b>	39.2	38.93	38.94
<b>Hydrogen</b>	2.69	2.79	2.93
<b>Nitrogen</b>	20.8	20.43	20.42

<b>Analysis – PG15</b>			
<b>Element</b>	<b>Expected %</b>	<b>Found (1)</b>	<b>Found (2)</b>
<b>Carbon</b>	39.7	39.32	39.36
<b>Hydrogen</b>	2.72	2.70	2.78
<b>Nitrogen</b>	21.0	20.63	20.65