

Elemental Analysis Sample Results

Name Malcolm Halcrow
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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-ClO4			
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


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


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

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

Analysis – PG 14			
Element	Expected %	Found (1)	Found (2)
Carbon	39.2	38.93	38.94
Hydrogen	2.69	2.79	2.93
Nitrogen	20.8	20.43	20.42

Analysis – PG 5			
Element	Expected %	Found (1)	Found (2)
Carbon	39.7	39.32	39.36
Hydrogen	2.72	2.70	2.78
Nitrogen	21.0	20.63	20.65

Analysis –  16			
Element	Expected %	Found (1)	Found (2)
Carbon	40.2	39.94	39.99
Hydrogen	2.76	2.97	2.41
Nitrogen	21.3	20.90	20.68

Analysis –  0			
Element	Expected %	Found (1)	Found (2)
Carbon	38.3	38.02	38.09
Hydrogen	2.63	2.48	2.15
Nitrogen	20.3	19.90	19.86

Date completed	31.01.2023
Signature	O. McCullough
Comments	