

Elemental Analysis Sample Results

Name Malcolm Halcrow
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Purchase order number FA4501099838


Standard – Acetanilide		
Element	Expected %	Found
Carbon	71.10 (+/- 0.23)	71.01
Hydrogen	6.71 (+/- 0.07)	6.64
Nitrogen	10.34 (+/- 0.09)	10.33

Analysis – AA-05			
Element	Expected %	Found (1)	Found (2)
Carbon	33.50	32.84	32.67
Hydrogen	1.87	1.21	1.52
Nitrogen	19.50	18.19	18.63

Analysis – AA-09			
Element	Expected %	Found (1)	Found (2)
Carbon	39.60	38.48	38.22
Hydrogen	2.22	1.85	1.85
Nitrogen	23.10	21.77	21.98

Analysis – AH-08			
Element	Expected %	Found (1)	Found (2)
Carbon	35.20	35.68	35.23
Hydrogen	1.97	1.96	1.86
Nitrogen	20.50	20.24	20.18

Analysis – mh5-OTf			
Element	Expected %	Found (1)	Found (2)
Carbon	37.00	36.91	36.70
Hydrogen	2.33	2.00	1.87
Nitrogen	18.00	18.01	17.81

 Analysis – mh5-PF6			
Element	Expected %	Found (1)	Found (2)
Carbon	38.90	34.43	34.13
Hydrogen	2.67	1.86	1.91
Nitrogen	20.60	18.14	18.27

Date completed	11.09.2023
Signature	O. McCullough
Comments	