



Elemental Analysis Sample Results

Name Namrah Shahid
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Purchase order number FA4501036550

Standard – Acetanilide		
Element	Expected %	Found
Carbon	71.06 (+/- 0.26)	70.95
Hydrogen	6.70 (+/- 0.09)	6.72
Nitrogen	10.36 (+/- 0.18)	10.37

Analysis – NS535			
Element	Expected %	Found (1)	Found (2)
Carbon	48.88	48.33	48.60
Hydrogen	3.38	3.39	3.38
Nitrogen	13.41	12.91	13.01

Analysis – NS536			
Element	Expected %	Found (1)	Found (2)
Carbon	43.83	42.38	42.88
Hydrogen	4.20	3.88	3.99
Nitrogen	14.60	15.04	14.70

Analysis – NS537			
Element	Expected %	Found (1)	Found (2)
Carbon	47.07	46.22	46.73
Hydrogen	3.25	3.28	3.28
Nitrogen	12.92	13.99	13.94

Analysis – NS538			
Element	Expected %	Found (1)	Found (2)
Carbon	42.07	40.26	39.59
Hydrogen	4.03	3.99	3.88
Nitrogen	14.02	13.12	12.86

Analysis – NS539			
Element	Expected %	Found (1)	Found (2)
Carbon	45.30	43.73	42.16
Hydrogen	4.56	4.37	3.90
Nitrogen	14.09	14.29	15.92

Date completed	18.05.2021
Signature	O. McCullough
Comments	