

Elemental Analysis Sample Results

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Purchase order number FA4501058208

Standard – Acetanilide		
Element	Expected %	Found
Carbon	71.10 (+/- 0.23)	71.20
Hydrogen	6.71 (+/- 0.07)	6.70
Nitrogen	10.34 (+/- 0.09)	10.25

Analysis – IAC1			
Element	Expected %	Found (1)	Found (2)
Carbon	42.70	37.10	37.01
Hydrogen	3.31	3.08	3.06
Nitrogen	19.15	17.39	17.28

Analysis – IAC1-R2			
Element	Expected %	Found (1)	Found (2)
Carbon	42.70	37.35	37.61
Hydrogen	3.31	3.03	3.15
Nitrogen	19.15	16.36	16.52

Analysis – IAC2			
Element	Expected %	Found (1)	Found (2)
Carbon	44.23	41.10	41.13
Hydrogen	3.43	3.21	3.29
Nitrogen	19.84	18.80	19.26

Analysis – IAC2-R2			
Element	Expected %	Found (1)	Found (2)
Carbon	44.23	26.83	26.24
Hydrogen	3.43	1.99	1.86
Nitrogen	19.84	12.62	12.57

Analysis – IAC3			
Element	Expected %	Found (1)	Found (2)
Carbon	46.24	43.36	43.32
Hydrogen	3.10	3.23	3.21
Nitrogen	17.97	16.50	16.46

Analysis – IAC4			
Element	Expected %	Found (1)	Found (2)
Carbon	47.79	44.73	44.71
Hydrogen	3.21	3.36	3.35
Nitrogen	18.58	16.91	16.90

Analysis – IAC6			
Element	Expected %	Found (1)	Found (2)
Carbon	42.39	25.84	26.10
Hydrogen	3.26	2.01	2.10
Nitrogen	20.60	12.87	13.18

Analysis – IAC8			
Element	Expected %	Found (1)	Found (2)
Carbon	43.11	42.20	42.26
Hydrogen	2.55	2.61	2.70
Nitrogen	20.48	19.30	19.25