

Elemental Analysis Sample Results

Name Holly Sephton
Organisation Name University of Leeds
Purchase order number FA4501034132

Standard – Acetanilide		
Element	Expected %	Found
Carbon	71.06 (+/- 0.26)	71.08
Hydrogen	6.70 (+/- 0.09)	6.74
Nitrogen	10.36 (+/- 0.18)	10.36

Analysis – HS-4			
Element	Expected %	Found (1)	Found (2)
Carbon	36.7	36.70	36.68
Hydrogen	2.24	2.12	2.09
Nitrogen	19.4	19.16	19.17

Analysis – HS-13			
Element	Expected %	Found (1)	Found (2)
Carbon	32.6	32.44	31.71
Hydrogen	1.99	1.80	1.87
Nitrogen	17.3	16.99	16.59

Analysis – HS-14			
Element	Expected %	Found (1)	Found (2)
Carbon	42.4	42.44	42.47
Hydrogen	3.26	3.38	3.43
Nitrogen	20.6	20.41	20.46

Date completed	31.03.2021
Signature	O.McCullough
Comments	