

Elemental Analysis Service

Please send completed form and samples to:

Stephen Boyer
School of Human Sciences
Science Centre
London Metropolitan University
29 Hornsey Road
London N7 7DD
Telephone: 020 7133 3605
Fax: 020 7133 2577
Email: s.boyer@londonmet.ac.uk



Sample submitted by: Iurii Galadzhun
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0744 212 8813 Email: cmig@leeds.ac.uk
Date Submitted:

Please submit ca. 5 mg of sample.

Sample Reference No.: I613C12D+Fe
Name of Compound: $[(bppf)(-C_{10}H_2N_2)]^+ [BF_4]^-$
Molecular Formula: $(C_{35}H_{49}N_5)_2^2 Fe B_2 F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	+H ₂ O
Carbon	64.23	63.02	62.87	63.4
Hydrogen	7.55	7.19	7.29	7.60
Nitrogen	10.70	10.22	10.27	10.6

+2H₂O
62.5
7.64
10.4

Authorising Signature:

Date Completed: 2011.7
Signature: <i>JB</i>
Comments:

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Please submit ca. 5 mg of sample.

Sample Reference No.: IG13 C142 + Fe
Name of Compound: $[bpp(C\equiv C-C_{12}H_{25})_2]_2 \cdot Fe^{2+} [BF_4]_2$
Molecular Formula: $C_{78}H_{114}N_{10}, Fe_1 B_2 F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	DCE	0.5864
Carbon	65.82	64.49	64.59	64.51	64.41
Hydrogen	8.08	7.53	7.66	7.95	7.32
Nitrogen	9.86	9.57	9.48	9.52	9.57

Authorising Signature:

Date Completed: 27/10/17	Signature:
Comments:	



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Telephone: 0744 212 8813 Email: cmig@leeds.ac.uk
Date Submitted:

Please submit ca. 5 mg of sample.

Sample Reference No.: IG13C16D+Fe
Name of Compound: $[(\text{C}_{12}\text{H}_{27}\text{Fe}^{2+})_2(\text{B}_2\text{F}_4)_2]^-$
Molecular Formula: $(\text{C}_{43}\text{H}_{65}\text{N}_5)_2\text{FeB}_2\text{F}_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	
Carbon	67.36	67.43	67.52	
Hydrogen	8.54	8.50	8.58	
Nitrogen	9.13	9.05	9.05	

Authorising Signature:

Date Completed: 20/11/17 Signature: <i>jh</i>
Comments:

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Sample submitted by: Iurii Galadzhun
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0744 212 8813 Email: cmig@leeds.ac.uk
Date Submitted: 10/12/18

Please submit ca. 5 mg of sample.

Sample Reference No.: I 614C12D+Fe = 7628
Name of Compound: $[py-(p7C12H5)_2]_2Fe[BF_4]$
Molecular Formula: $C_{70}H_{114}N_{10}Fe_1B_2F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	
Carbon	63.44	63.38	63.29	
Hydrogen	8.67	8.61	8.53	
Nitrogen	10.57	10.48	10.47	

Authorising Signature:

Date Completed: 2012.10	Signature:
Comments:	

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Sample submitted by: Iurii Galadzhun
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0744 212 8813 Email: cmig@leeds.ac.uk
Date Submitted: 7/8/18

Please submit ca. 5 mg of sample.

Sample Reference No.: I 614 C14D+Fe
Name of Compound: $[py-(p7C_{14}H_2)_2 Fe^{2+}] [BF_4^-]_2$
Molecular Formula: $C_{78} H_{130} N_{10} Fe_1 B_2 F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)
Carbon	65.18	65.29 ^{+0.11}	65.37 ^{+0.10}
Hydrogen	9.12	8.87 ^{+0.05}	8.92 ^{+0.15}
Nitrogen	9.74	9.89 ^{+0.05}	9.81 ^{+0.07}

Authorising Signature:

Date Completed: 12/09/18
Signature: <i>sh</i>
Comments:

✓

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Please submit ca. 5 mg of sample.

Sample Reference No.: I614 C16D + Fe
Name of Compound: $[bpp-(C_{16}H_{33})_2 Fe^{2+}] [BF_4]_2$
Molecular Formula: $(C_{43} H_{73} N_5)_2 Fe B_2 F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	
Carbon	66.66	66.71	66.79	
Hydrogen	8.50	9.35	9.30	
Nitrogen	8.04	9.05	9.12	

Authorising Signature:

Date Completed: 201177
Signature:
Comments:

V