V

Elemental Analysis Service

LONDON metropolitan university

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.:	I613C12M +Fc
Name of Compound:	$[(ppn-\equiv-C_{10}H_{21})_2Fe^{2+}][BF_4^-]_2$
Molecular Formula:	$C_{46}H_{58}N_{10}Fe_1B_2F_8$
Stability: Stable	
Hazards: n/a	
Other Remarks: n/a	

Element	Expected %	Found (1)	Found (2)	
Carbon	56.35	56.18 -0.17	56.15 -0.20	
Hydrogen	5.96	6.12 +0.16	6.07 +0.11	
Nitrogen	14.29	14.16 -0.13	14.06 -0.23	

Authorising Signature:

Date Completed: Signature:	27/01/7 JD
Comments:	

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Please submit ca. 5 mg of sample.

Sample Reference No.: I613C1UM+Fe
Name of Compound: $[(py\text{-}pz\text{-}pz(CH_2)_{29})_2Fe^{II}][BF_4]_2$
Molecular Formula: $C_{50}H_{66}N_{10}Fe_1B_2F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	+ H_2O
Carbon	57.93	56.88 −1.05	56.95 −0.98	56.9
Hydrogen	6.42	6.62	6.68	6.50
Nitrogen	13.51	13.11	13.19	13.3

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Please submit ca. 5 mg of sample.

Sample Reference No.: IG13C1Cu tfe
Name of Compound: $[(py-p7-p7(CH_2)_{29})_2 Pd^{2+}][BF_4^-]_2$
Molecular Formula: $C_{54}H_{74}N_{10}F_{10}B_2F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	
Carbon	59.86	59.21 −0,75	59.16 −0,70	
Hydrogen	6.83	6.75 −0,08	6.81 −0,02	
Nitrogen	12.82	12.73 −0,09	12.61 −0,21	

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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: 10/7/18

Please submit ca. 5 mg of sample.

Sample Reference No.: IG14C12MFe
Name of Compound: py-pz-pzC12H25
Molecular Formula: C46H66N10Fe1B2F8
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	+ H2O
Carbon	55.89	54.39	54.49	54.9
Hydrogen	6.73	6.70	6.72	6.82
Nitrogen	14.17	13.54	13.92	13.9

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Date Completed: 30.07.18 Signature:
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Address: School of Chemistry, University of Leeds, Leeds LS2 9JT
Telephone: 0744 212 8813 Email: cmig@leeds.ac.uk
Date Submitted:

Please submit ca. 5 mg of sample.

Sample Reference No.: IG14C14MFe
Name of Compound: [Bis[2,6-di(pyrazol-1-yl)pyridine]iron(II)][bis(2,2':6',2''-terpyridine)-cobalt(II)] ditetrafluoroborate 1:1 solid solution
Molecular Formula: $C_{50}H_{74}B_2F_8FeN_{10}.2H_2O$
Stability: Stable under ambient conditions.
Hazards: No specific hazards, but potentially harmful by ingestion.
Other Remarks:

Element	Expected %	Found (1)	Found (2)	+ H_2O
Carbon	55.99	56.06	56.15	56.5
Hydrogen	6.58	6.78	6.88	7.21
Nitrogen	13.06	13.19	13.26	13.2

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Please submit ca. 5 mg of sample.

Sample Reference No.: I614C16M+Fe
Name of Compound: $[(bpy\text{-}pz\text{-}pzC_{16}H_{33})_2Fe^{2+}][BF_4^-]_2$
Molecular Formula: $C_{54}H_{82}N_{10}Fe_1B_2F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	
Carbon	58.02	58.84 −0.08	58.77 −0.75	
Hydrogen	7.51	7.37 −0.14	7.33 −0.18	
Nitrogen	12.72	12.64 −0.08	12.54 −0.18	

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Date Submitted: 10/12/18

Please submit ca. 5 mg of sample.

Sample Reference No.: I614C18M+Fe = I623
Name of Compound: $[(py-p7-p7-C_{18}H_{37})_2Fe][BF_4]_2$
Molecular Formula: $C_{58}H_{90}N_{10}Fe_1B_2F_8$
Stability: Stable
Hazards: n/a
Other Remarks: n/a

Element	Expected %	Found (1)	Found (2)	
Carbon	60.22	59.93	60.01	
Hydrogen	7.84	7.67	7.60	
Nitrogen	12.11	12.98	12.95	

Authorising Signature:

Date Completed: 2012 18 Signature:
Comments: