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(R) - 1

LONDON metropolitan university

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:	KAY BURROWS
Address:	SCHOOL OF CHEMISTRY, UNIVERSITY OF LEEDS, LS2 9JT
Telephone: 0113 3436419	Email: cmkb@leeds.ac.uk
Date Submitted:	30/9/16

Please submit ca. 5 mg of sample.

Sample Reference No.:	KB-063
Name of Compound:	[Zn(R-phenyl pybox)$_2$]$_2$(~~ClO$_4$~~)$_2$.(BF$_4$)$_2$
Molecular Formula:	Zn C$_{46}$ H$_{38}$ N$_6$ O$_4$ ~~B$_2$F$_8$~~
Stability:	Unknown
Hazards:	~~Perchlorates~~
Other Remarks:	—

* not perchlorate salt. BF$_4$ used. Form amended.

Element	Expected %	Found (1)	Found (2)	
Carbon	~~55.08~~ 56.50	56.74	56.63	
Hydrogen	~~3.62~~ 3.92	3.38	3.31	
Nitrogen	~~8.38~~ 8.59	8.99	8.90	

Authorising Signature:

Date Completed: 19/9/16	Signature:
Comments:	

(RS)-1

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Sample submitted by: Kay Burrows
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0113 3436419 Email: cmkb@leeds.ac.uk
Date Submitted: 13/2/18

Please submit ca. 5 mg of sample.

Sample Reference No.: ~~KB-066~~ KB-064
Name of Compound: $Zn(Ph\text{-}pybox)_2 \cdot (BF_4)_2$
Molecular Formula: $ZnC_{46}H_{38}N_6O_4B_2F_8$
Stability: Air stable
Hazards: Unknown
Other Remarks: —

Element	Expected %	Found (1)	Found (2)	
Carbon	~~62.10~~ 56.50	56.42	56.49	
Hydrogen	3.92	3.73	3.79	
Nitrogen	8.59	8.58	8.54	

Authorising Signature:

Date Completed: 20/2/18 Signature:
Comments:

(R)-2

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Email: s.boyer@londonmet.ac.uk

Sample submitted by: Kay Burrows
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0113 343 36419 Email: cmkb@leeds.ac.uk
Date Submitted: 12/01/2018

Please submit ca. 5 mg of sample.

Sample Reference No.: KB-065
Name of Compound: $Zn(pybox)_2.(BF_4)$
Molecular Formula: $ZnC_{34}H_{46}N_6O_4B_2F_8$
Stability: Air stable
Hazards: Unknown
Other Remarks:

Element	Expected %	Found (1)	Found (2)	
Carbon	48.51	48.36	48.42	
Hydrogen	5.51	5.39	5.51	
Nitrogen	9.98	10.04	10.12	

Authorising Signature:

Date Completed: 23/01/18 Signature:
Comments:

(RS)-2

Elemental Analysis Service

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Sample submitted by: Kay Burrows
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0113 3436419 Email: cmkb@leeds.ac.uk
Date Submitted: 15/1/18

Please submit ca. 5 mg of sample.

Sample Reference No.: KB-066
Name of Compound: $Zn(RS\text{-}iPrpybox)_2.(BF_4)_2$
Molecular Formula: $ZnC_{34}H_{46}N_6O_4B_2F_8$
Stability: Air stable
Hazards: Unknown
Other Remarks: —

Element	Expected %	Found (1)	Found (2)	
Carbon	48.51	48.37	48.45	
Hydrogen	5.51	5.43	5.38	
Nitrogen	9.98	10.03	10.07	

Authorising Signature:

Date Completed: 22/1/18 Signature:
Comments:

(R)-3

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School of Human Sciences
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29 Hornsey Road
London N7 7DD

Sample submitted by: **Kay Burrows**
Address: **School of Chemistry, University of Leeds, S2 9JT**
Telephone: **0113 3436419** Email: **cmkb@eeds.ac.uk**
Date Submitted: ~~18/08/2017~~ ~~18/12/18~~ 18/08/2017

Please submit ca. 5 mg of sample.

Sample Reference No.: KB-105
Name of Compound:
Molecular Formula: $C_{46}H_{38}B_2F_8N_6O_4Co$
Stability: Stable in air
Hazards: Unknown
Other Remarks: —

Element	Expected %	Found (1)	Found (2)	
Carbon	56.88	56.57	56.63	
Hydrogen	3.94	3.79	3.81	
Nitrogen	8.65	8.57	8.53	

Authorising Signature:

Date Completed: 31/8/17 Signature: [illegible]
Comments:

(RS)-3

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Sample submitted by: Kay Burrows
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0113 343 36419 Email: cmkb@leeds.ac.uk
Date Submitted: 12/01/2018

Please submit ca. 5 mg of sample.

Sample Reference No.: KB-110
Name of Compound: $Co(pybox)_2(BF_4)$
Molecular Formula: $CoC_{46}H_{38}N_6O_4B_2F_8$
Stability: Air stable
Hazards: Unknown
Other Remarks:

Element	Expected %	Found (1)	Found (2)	
Carbon	56.88	56.73	56.79	
Hydrogen	3.94	4.03	4.06	
Nitrogen	8.65	8.79	8.73	

Authorising Signature:

Date Completed: 23/01/18 Signature:
Comments:

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Sample submitted by: Kay Burrows
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0113 3436419 Email: cmkb@leeds.ac.uk
Date Submitted: 15/1/18

Please submit ca. 5 mg of sample.

Sample Reference No.: KB-C-~~XXX~~207
Name of Compound: ~~Co(pybox)$_2$.(BF$_4$)$_2$~~ Co(R-iPrpybox)$_2$.(BF$_4$)$_2$
Molecular Formula: $CoC_{34}H_{46}N_6O_4B_2F_8$
Stability: Air stable
Hazards: Unknown
Other Remarks: —

Element	Expected %	Found (1)	Found (2)	
Carbon	48.89	49.00	48.97	
Hydrogen	5.55	5.29	5.40	
Nitrogen	10.06	10.13	10.13	

Authorising Signature:

Date Completed: 18/01/18 Signature:
Comments:

(RS)-4

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Email: s.boyer@londonmet.ac.uk

Sample submitted by: Kay Burrows
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 0113 3436419 Email: cmkb@leeds.ac.uk
Date Submitted: 13/2/18

Please submit ca. 5 mg of sample.

Sample Reference No.: KB-C-208.
Name of Compound: $Co(iPr\text{-}pybox)_2 \cdot (BF_4)_2$
Molecular Formula: $CoC_{34}H_{46}N_6O_4B_2F_8$
Stability: Air stable
Hazards: Unknown
Other Remarks: —

Element	Expected %	Found (1)	Found (2)	
Carbon	48.89	48.71	48.70	
Hydrogen	5.55	5.64	5.59	
Nitrogen	10.06	9.98	9.95	

Authorising Signature:

Date Completed: 20/2/18 Signature:
Comments: