



### 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](mailto:s.boyer@londonmet.ac.uk)

<b>Sample submitted by:</b> Izar Capel Berdiell
<b>Address:</b> Leeds LS2 9JT
<b>Telephone:</b> 07871257829 <b>Email:</b> cmic@leeds.ac.uk
<b>Date Submitted:</b> 15 / 5 / 2017

Please submit ca. 5 mg of sample.

Sample Reference No.: ICB- 2
Name of Compound: bis (pyridyl)-triazine
Molecular Formula: C <sub>9</sub> H <sub>7</sub> N <sub>7</sub>
Stability: —
Hazards: —
Other Remarks: —

Element	Expected %	Found (1)	Found (2)	
Carbon	50.70	50.74	50.74	
Hydrogen	3.31	3.17	3.25	
Nitrogen	45.99	45.74	45.05	

Authorising Signature:

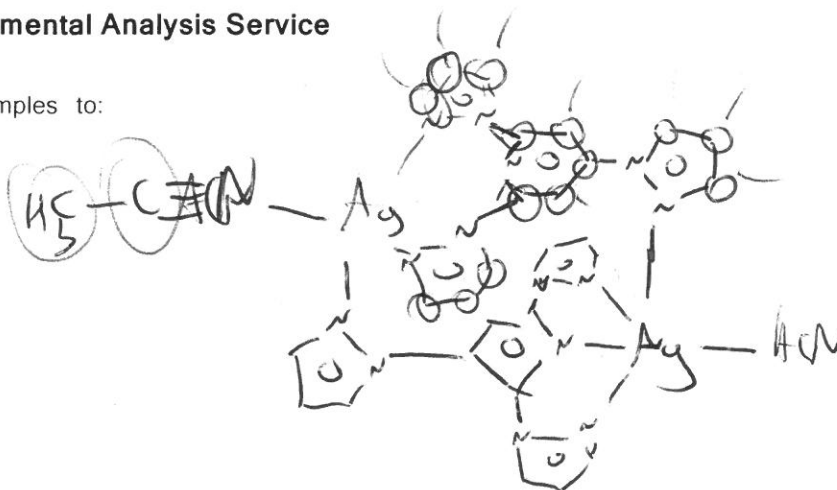
Date Completed: 22/05/17	
Signature:	
Comments:	

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<b>Address:</b> Leeds LS2 9JT
<b>Telephone:</b> 07871257829 <b>Email:</b> cmic@leeds.ac.uk
<b>Date Submitted:</b> 30/01/2017

Please submit ca. 5 mg of sample.

Sample Reference No.: ICB- 65 - ACN
Name of Compound: (2,4,6-tri(pyrrolyl)-1,3,5-triazine)silver I trifluoroborate (Acetonitrile)
Molecular Formula: C <sub>16</sub> H <sub>11</sub> N <sub>8</sub> AgBF <sub>4</sub>
Stability: unknown
Hazards: unknown
Other Remarks: -

Element	Expected %	Found (1)	Found (2)
Carbon	37,46	37,49	37-49
Hydrogen	2,75	2,80	2-87
Nitrogen	21,84	21,68	21-65

Authorising Signature:

Date Completed:	02/02/17
Signature:	
Comments:	



### Elemental Analysis Service

Please send completed form and samples to:

2nd form

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<b>Sample submitted by:</b> Izar Capel Berdiell
<b>Address:</b> Leeds LS2 9JT
<b>Telephone:</b> 07871257829 <b>Email:</b> cmic@leeds.ac.uk
<b>Date Submitted:</b> 30/01/2017

Please submit ca. 5 mg of sample.

Sample Reference No.: ICB- 65-NM (2)
Name of Compound: (2,4,6-tri(pyrazole)-1,4-diazine) silver (I) tetrafluoroborate (Methanone)
Molecular Formula: $C_{29}H_{25}N_{15}B_2F_8O_2Ag_2$
Stability: Unknown
Hazards: Unknown
Other Remarks: —

Element	Expected %	Found (1)	Found (2)
Carbon	34.63	34.47	34.52
Hydrogen	2.51	2.38	2.42
Nitrogen	20.90	20.72	20.74

Authorising Signature:

Date Completed: 02/02/17	Signature: [Handwritten Signature]
Comments:	



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<b>Sample submitted by:</b> Izar Capel Berdiell
<b>Address:</b> Leeds LS2 9JT
<b>Telephone:</b> 07871257829 <b>Email:</b> <a href="mailto:cmic@leeds.ac.uk">cmic@leeds.ac.uk</a>
<b>Date Submitted:</b> 1/11/2017

Please submit ca. 5 mg of sample.

Sample Reference No.: ICB- 81-B-Ag
Name of Compound: bis (tri-pyrrolo-pyrimidine) silver(I) tetrachloroborate + MeCN
Molecular Formula: $C_{20}H_{20}N_{16}Ag_2B_2Cl_4 + C_4H_6N_2$
Stability: unknown
Hazards: unknown
Other Remarks: -

Element	Expected %	Found (1)	Found (2)	
Carbon	35.05	34.71	34.80	
Hydrogen	2.55	2.72	2.39	
Nitrogen	24.53	24.03	23.91	

Authorising Signature:

Date Completed: 2017 R
Signature:
Comments:

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<b>Sample submitted by:</b> Izar Capel Berdiell
<b>Address:</b> Leeds LS2 9JT
<b>Telephone:</b> 07871257829 <b>Email:</b> cmic@leeds.ac.uk
<b>Date Submitted:</b> 12/1/2018

Please submit ca. 5 mg of sample.

Sample Reference No.: ICB- 81-dry
Name of Compound: tetrakis(tppym)pentakis-silver I tetrafluoroborate
Molecular Formula: $C_{52}H_{40}N_{32}Ag_5B_5F_{20}$
Stability: —
Hazards: —
Other Remarks: —

Element	Expected %	Found (1)	Found (2)
Carbon	29.93	29.74	29.81
Hydrogen	1.93	2.00	1.96
Nitrogen	21.48	<del>21.22</del> 21.22	21.23

Authorising Signature:

Date Completed: 27/01/18
Signature: 
Comments:



Request Form

Name. .... IZAR CAPEL ..... Account No. .... RG.CHEM.103959 M Halcrow.....  
 Sample ref. .... ICS-1-66 - Powder ..... Supervisor. .... MALCOLM HALCROW.....  
 Department. .... Inorganic Chemistry..... Signature. .... [Signature].....  
 Room No. .... 1.29..... Tel. .... 36419..... Date. .... 2-6-2016.....  
 e-mail. .... CMIC@LEEDS.AC.UK..... (Please fill in fully & in BLOCK CAPITALS, failure could result in delay)

<u>Properties &amp; Hazards</u>		<u>Structure &amp; Empirical Formula</u>	
	YES	NO	Unknown
Non Hazardous	[ ]	[X]	[ ]
Toxic	[ ]	[X]	[ ]
Carcinogenic	[ ]	[X]	[ ]
Explosive	[ ]	[X]	[ ]
Air Sensitive	[ ]	[X]	[ ]
Hygroscopic	[ ]	[X]	[ ]
Light Sensitive	[ ]	[X]	[ ]
Volatile	[ ]	[X]	[ ]
Electrostatic	[ ]	[X]	[ ]
Strong odour	[ ]	[X]	[ ]
Other. ....			
M/pt. / B/pt. .... °C			
Solid [X], Liquid [ ]			
Type of compound -	methoxy complex		

Formula. .... C<sub>12</sub>H<sub>9</sub>N<sub>9</sub>AgBF<sub>4</sub>.....

Is there POSSIBILITY for the presence of FLUORINE? YES [ ] / NO [ ]

Analysis Required	Theoretical (%)	Found (%)
Carbon [X]	30.41	30.60
Hydrogen [X]	1.91	2.10
Nitrogen [X]	26.60	26.70
Sulphur [ ]		
Halogen [ ]		
Other #1 [ ]		
Other #2 [ ]		
Other #3 [ ]		

Micro ID: 234/16 ; Signature: 6.6.2016. T.M-C (Office use only)



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<b>Address:</b> Leeds LS2 9JT
<b>Telephone:</b> 07871257829 <b>Email:</b> cmic@leeds.ac.uk
<b>Date Submitted:</b> / / 201

Please submit ca. 5 mg of sample.

Sample Reference No.: ICB- GG-C
Name of Compound: ceterz (TPT)- s. (Ver (I) rechtekte
Molecular Formula: $C_{12}H_9N_9AgClO_4$
Stability: -
Hazards: -
Other Remarks: -

Element	Expected %	Found (1)	Found (2)	
Carbon	29.62	29.81	29.84	
Hydrogen	1.86	1.68	1.76	
Nitrogen	25.91	25.82	25.86	

Authorising Signature:

Date Completed: 2011/08/11
Signature:
Comments:

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Sample submitted by: Izar Capel Berdiell
Address: School of Chemistry, University of Leeds, Leeds, West Yorkshire LS2 9JT
Telephone: 07871257829 Email: <a href="mailto:cmic@leeds.ac.uk">cmic@leeds.ac.uk</a>
Date Submitted: 10/10/17

Please submit ca. 5 mg of sample.

Sample Reference No.: 108-Ag
Name of Compound: Catenz - (bi(pyrazolyl)-triazine) - silver (I) tetrafluoroborate
Molecular Formula: $C_9H_7N_7AgBF_4$
Stability: —
Hazards: —
Other Remarks: —

Element	Expected %	Found (1)	Found (2)	
Carbon	26.50	26.38	26.43	
Hydrogen	1.73	1.66	1.67	
Nitrogen	24.04	23.84	23.94	

Authorising Signature:

Date Completed: 19/10/17 Signature:
Comments: