

Report Details

Report Location C:\Users\Didattica\Desktop\chim_fis_2\2015\c8\brbn.pdf
Report Creator user
Report Date Thursday, May 28, 2015 12:27 PM

Sample Details

10

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2015\c8\10.sp
Sample Description Sample 098 By ir Date Thursday, May 28 2015
Analyst user
Creation Date 5/28/2015 11:40:14 AM
X-Axis Units cm-1
Y-Axis Units A

15c

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2015\c8\15c.sp
Sample Description Sample 104 By ir Date Thursday, May 28 2015
Analyst user
Creation Date 5/28/2015 12:10:07 PM
X-Axis Units cm-1
Y-Axis Units A

20

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2015\c8\20.sp
Sample Description Sample 100 By ir Date Thursday, May 28 2015
Analyst user
Creation Date 5/28/2015 11:49:49 AM
X-Axis Units cm-1
Y-Axis Units A

25

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2015\c8\25.sp
Sample Description Sample 101 By ir Date Thursday, May 28 2015
Analyst user
Creation Date 5/28/2015 11:53:44 AM
X-Axis Units cm-1
Y-Axis Units A

30

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2015\c8\30.sp
Sample Description Sample 102 By ir Date Thursday, May 28 2015
Analyst user
Creation Date 5/28/2015 11:57:22 AM
X-Axis Units cm-1
Y-Axis Units A

Instrument Details

10

Instrument Model Spectrum Two
Instrument Serial Number 100169
Software Revision NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans 4
Resolution 1

15c

Instrument Model Spectrum Two

Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	4
Resolution	1

20

Instrument Model	Spectrum Two
Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	4
Resolution	1

25

Instrument Model	Spectrum Two
Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	4
Resolution	1

30

Instrument Model	Spectrum Two
Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	4
Resolution	1

Instrument Details (Full)

10

Instrument Model	Spectrum Two
Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	4
Resolution	1
Detector	MIR TGS
Source	MIR
Beamsplitter	OptKBr
Apodization	Strong
Spectrum Type	Spectrum
Beam Type	Ratio
Phase correction	Self
Scan Speed	0.2
IGram Type	Single
Scan Direction	Combined
Zero Crossings	0
JStop	4.47
IR-Laser Wavenumber	11750.00

15c

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IR-Laser Wavenumber	11750.00

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Instrument Serial Number	100169
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Source	MIR
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Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	4

Resolution	1
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Source	MIR
Beamsplitter	OptKBr
Apodization	Strong
Spectrum Type	Spectrum
Beam Type	Ratio
Phase correction	Self
Scan Speed	0.2
IGram Type	Single
Scan Direction	Combined
Zero Crossings	0
JStop	4.47
IR-Laser Wavenumber	11750.00

Accessory

10

Manufacturer	L1600217
Part Number	L1600217
Description	Sample base plate assy (non RFID)
Default Scan Range / cm-1	4000 450
Temperature / °C	Not Specified
Accessory Type	Slide Holder
Slide Holder Option	MIR
Crystal Type	Not Specified

15c

Manufacturer	L1600217
Part Number	L1600217
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Part Number	L1600217
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Temperature / °C	Not Specified
Accessory Type	Slide Holder
Slide Holder Option	MIR
Crystal Type	Not Specified

Quality Checks

10

Water Vapor	Passed
Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Warning
Baseline Slope	Passed
Strong Bands	Warning
Weak Bands	Passed
High Noise	Passed
Fringes	Passed
Vignetting	Passed
Blocked Beam	Passed
Negative Bands	Warning
Zero Transmission	Caution
Stray Light	Passed
Window Cutoff	Passed

15c

Water Vapor	Passed
Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Warning
Baseline Slope	Passed
Strong Bands	Warning
Weak Bands	Passed
High Noise	Passed
Fringes	Passed
Vignetting	Passed
Blocked Beam	Passed
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Stray Light	Passed
Window Cutoff	Passed

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Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Warning
Baseline Slope	Passed
Strong Bands	Warning
Weak Bands	Passed
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Fringes	Passed
Vignetting	Passed

Blocked Beam	Passed
Negative Bands	Warning
Zero Transmission	Caution
Stray Light	Passed
Window Cutoff	Passed

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Water Vapor	Passed
Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Warning
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High Noise	Passed
Fringes	Passed
Vignetting	Passed
Blocked Beam	Passed
Negative Bands	Warning
Zero Transmission	Caution
Stray Light	Passed
Window Cutoff	Passed

History

10

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/28/2015 11:40:14 AM		Sample 098 By ir Date Thursday, May 28 2015
user	Atmospheric Correction	5/28/2015 11:40:14 AM		
user	Absorbance	5/28/2015 11:40:14 AM	"Channel:1", "Result.sp"	

15c

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/28/2015 12:10:07 PM		Sample 104 By ir Date Thursday, May 28 2015
user	Atmospheric Correction	5/28/2015 12:10:07 PM		
user	Absorbance	5/28/2015 12:10:07 PM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/28/2015 11:49:49 AM		Sample 100 By ir Date Thursday, May 28 2015
user	Atmospheric Correction	5/28/2015 11:49:49 AM		
user	Absorbance	5/28/2015 11:49:49 AM	"Channel:1", "Result.sp"	

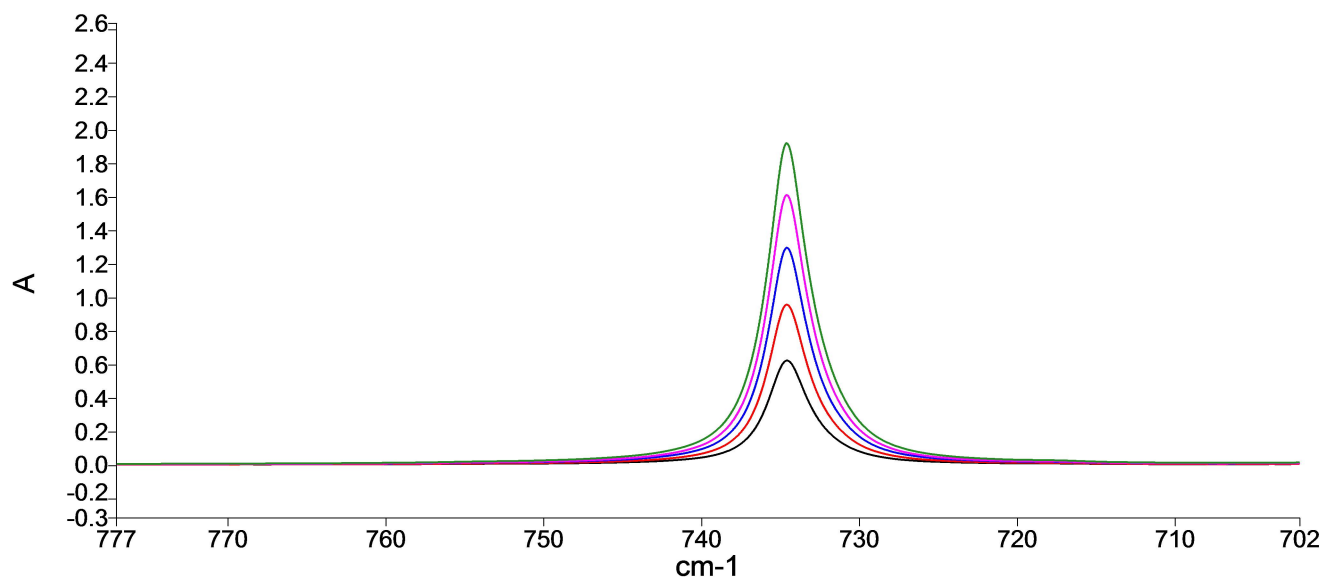
25

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/28/2015 11:53:44 AM		Sample 101 By ir Date Thursday, May 28 2015
user	Atmospheric Correction	5/28/2015 11:53:44 AM		
user	Absorbance	5/28/2015 11:53:45 AM	"Channel:1", "Result.sp"	

30

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/28/2015 11:57:22 AM		Sample 102 By ir Date Thursday, May 28 2015
user	Atmospheric Correction	5/28/2015 11:57:22 AM		
user	Absorbance	5/28/2015 11:57:23 AM	"Channel:1", "Result.sp"	

Spectrum

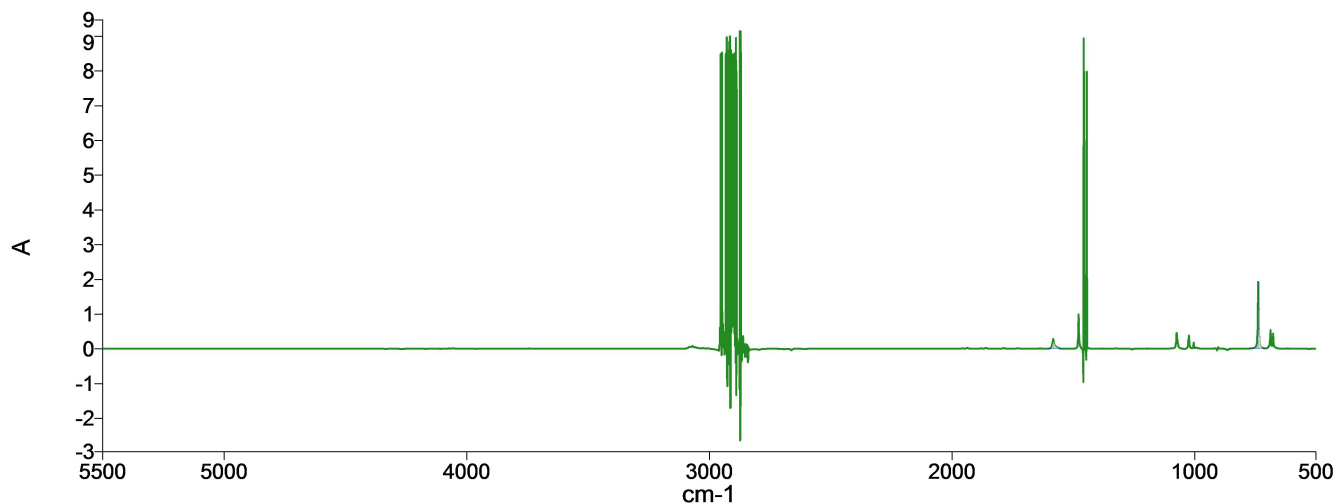


Name	Description
10	Sample 098 By ir Date Thursday, May 28 2015
15c	Sample 104 By ir Date Thursday, May 28 2015
20	Sample 100 By ir Date Thursday, May 28 2015
25	Sample 101 By ir Date Thursday, May 28 2015
30	Sample 102 By ir Date Thursday, May 28 2015

Summary

Sample Name	Description	Quality
10	Sample 098 By ir Date Thursday, May 28 2015	The Quality Checks give rise to multiple warnings for the sample.
15c	Sample 104 By ir Date Thursday, May 28 2015	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 100 By ir Date Thursday, May 28 2015	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 101 By ir Date Thursday, May 28 2015	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 102 By ir Date Thursday, May 28 2015	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name Description
30 Sample 102 By ir Date Thursday, May 28 2015

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	0.6321	2.97	0.6296	774.29	707.78	773.55	707.78
2	1580.07	0.0866	0.94	0.0857	1603.1	1549.26	1604.72	1548.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	0.9656	4.54	0.961	774.29	707.78	775	707.66
2	1580.06	0.1345	1.43	0.1323	1603.1	1549.26	1604.72	1548.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	1.3052	6.17	1.2993	774.29	707.78	773.55	707.66
2	1580.05	0.1833	1.98	0.181	1603.1	1549.26	1604.72	1548.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	1.6193	7.7	1.6117	774.29	707.78	775	707.66
2	1580.05	0.2306	2.46	0.2275	1603.1	1549.26	1604.72	1548.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.61	1.9287	9.3	1.9192	774.29	707.78	775	707.66
2	1580.04	0.2806	3	0.2767	1603.1	1549.26	1604.72	1548.52