

Report Details

Report Location	C:\Users\Didattica\Desktop\chim_fis_2\2015\b5b6\Samples View 1.pdf
Report Creator	user
Report Date	Wednesday, May 13, 2015 5:59 PM

Sample Details

10

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\b5b6\10.sp
Sample Description	Sample 018 By ir Date Wednesday, May 13 2015
Analyst	user
Creation Date	5/13/2015 5:12:24 PM
X-Axis Units	cm-1
Y-Axis Units	A

15

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\b5b6\15.sp
Sample Description	Sample 019 By ir Date Wednesday, May 13 2015
Analyst	user
Creation Date	5/13/2015 5:18:48 PM
X-Axis Units	cm-1
Y-Axis Units	A

20

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\b5b6\20.sp
Sample Description	Sample 020 By ir Date Wednesday, May 13 2015
Analyst	user
Creation Date	5/13/2015 5:23:31 PM
X-Axis Units	cm-1
Y-Axis Units	A

25

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\b5b6\25.sp
Sample Description	Sample 021 By ir Date Wednesday, May 13 2015
Analyst	user
Creation Date	5/13/2015 5:27:36 PM
X-Axis Units	cm-1
Y-Axis Units	A

30

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\b5b6\30.sp
Sample Description	Sample 022 By ir Date Wednesday, May 13 2015
Analyst	user
Creation Date	5/13/2015 5:34:17 PM
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	3
Resolution	1

15

Instrument Model	Spectrum Two
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Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	3
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Number of Scans	3
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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	3
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

15

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Source	MIR
Beamsplitter	OptKBr

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Beam Type	Ratio
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JStop	4.47
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IR-Laser Wavenumber	11750.00

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Number of Scans	3

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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

15

Manufacturer	L1600217
Part Number	L1600217
Description	Sample base plate assy (non RFID)
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Crystal Type	Not Specified

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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

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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
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Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Warning
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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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Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Warning
Baseline Slope	Passed
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Fringes	Passed
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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

History

10

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/13/2015 5:12:24 PM		Sample 018 By ir Date Wednesday, May 13 2015
user	Atmospheric Correction	5/13/2015 5:12:24 PM		
user	Absorbance	5/13/2015 5:12:24 PM	"Channel:1", "Result.sp"	

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/13/2015 5:18:48 PM		Sample 019 By ir Date Wednesday, May 13 2015
user	Atmospheric Correction	5/13/2015 5:18:48 PM		
user	Absorbance	5/13/2015 5:18:48 PM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/13/2015 5:23:31 PM		Sample 020 By ir Date Wednesday, May 13 2015
user	Atmospheric Correction	5/13/2015 5:23:31 PM		
user	Absorbance	5/13/2015 5:23:31 PM	"Channel:1", "Result.sp"	

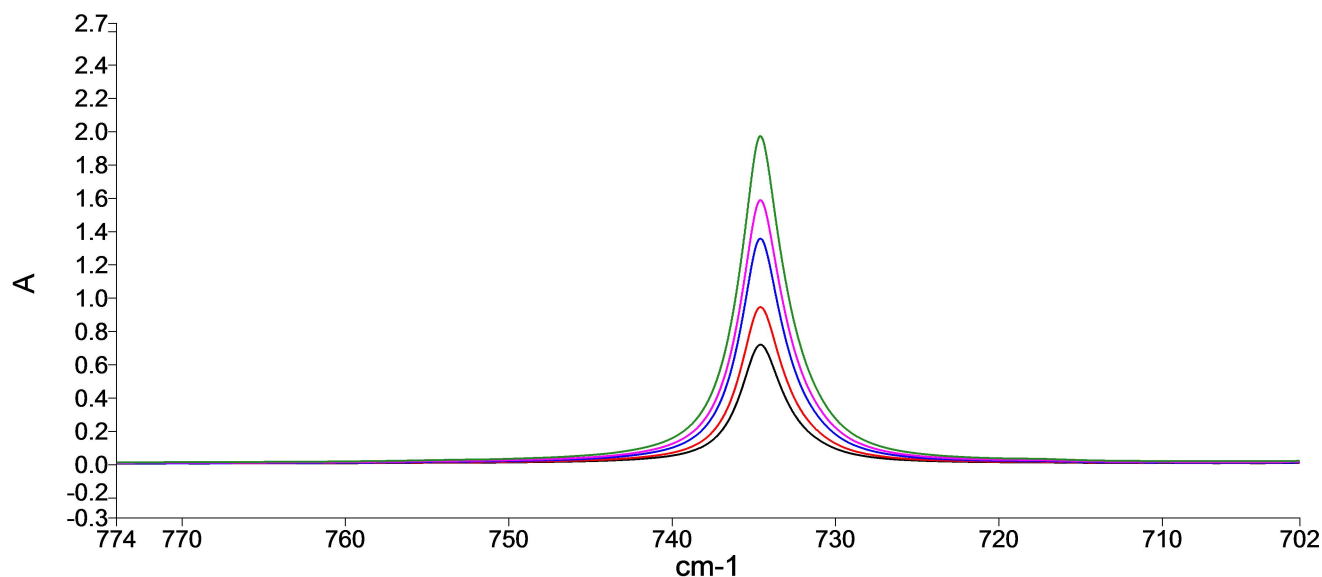
25

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/13/2015 5:27:36 PM		Sample 021 By ir Date Wednesday, May 13 2015
user	Atmospheric Correction	5/13/2015 5:27:36 PM		
user	Absorbance	5/13/2015 5:27:36 PM	"Channel:1", "Result.sp"	

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Who	What	When	Parameters	Comment
user	Created as New Dataset	5/13/2015 5:34:17 PM		Sample 022 By ir Date Wednesday, May 13 2015
user	Atmospheric Correction	5/13/2015 5:34:17 PM		
user	Absorbance	5/13/2015 5:34:17 PM	"Channel:1", "Result.sp"	

Spectrum

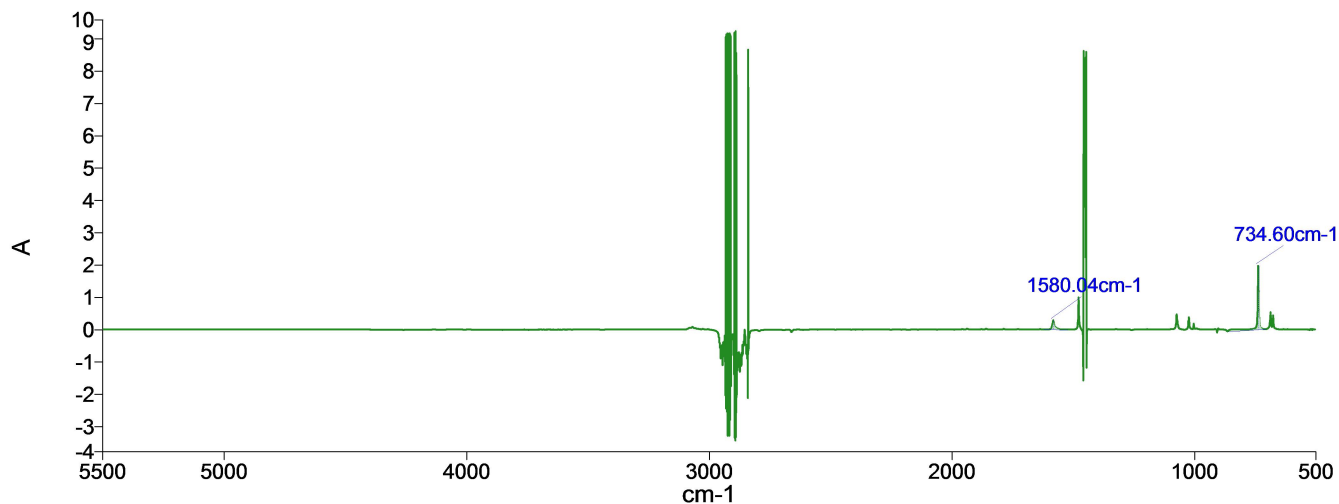


Name	Description
10	Sample 018 By ir Date Wednesday, May 13 2015
15	Sample 019 By ir Date Wednesday, May 13 2015
20	Sample 020 By ir Date Wednesday, May 13 2015
25	Sample 021 By ir Date Wednesday, May 13 2015
30	Sample 022 By ir Date Wednesday, May 13 2015

Summary

Sample Name	Description	Quality
10	Sample 018 By ir Date Wednesday, May 13 2015	The Quality Checks give rise to multiple warnings for the sample.
15	Sample 019 By ir Date Wednesday, May 13 2015	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 020 By ir Date Wednesday, May 13 2015	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 021 By ir Date Wednesday, May 13 2015	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 022 By ir Date Wednesday, May 13 2015	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name Description
30 Sample 022 By ir Date Wednesday, May 13 2015

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	0.7262	3.49	0.7246	761.57	706.65	860.32	706.65
2	1580.05	0.1002	1.11	0.0992	1615.66	1533.69	1624.94	1522.61

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	0.9545	4.81	0.9542	761.57	706.65	860.44	706.56
2	1580.05	0.1339	1.79	0.1364	1615.66	1533.69	1623.75	1521.43

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	1.3658	6.69	1.3625	761.57	706.65	860.44	706.78
2	1580.05	0.1932	2.14	0.1907	1615.66	1533.69	1622.82	1522.61

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	1.5945	8.1	1.5934	761.57	706.65	860.44	706.78
2	1580.05	0.2292	2.54	0.226	1615.66	1533.69	1622.82	1521.4

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	1.9796	10.01	1.9753	761.57	706.65	860.44	706.78
2	1580.04	0.2891	3.19	0.2832	1615.66	1533.69	1622.82	1522.61