

Report Details

Report Location	C:\Users\Didattica\Desktop\chim_fis_2\2015\c5c6\brbn.pdf
Report Creator	user
Report Date	Thursday, May 14, 2015 11:45 AM

Sample Details

10

Sample Name	10
Sample Description	Sample 028 By ir Date Thursday, May 14 2015
Analyst	user
Creation Date	5/14/2015 11:22:28 AM
X-Axis Units	cm-1
Y-Axis Units	A

15

Sample Name	15
Sample Description	Sample 029 By ir Date Thursday, May 14 2015
Analyst	user
Creation Date	5/14/2015 11:25:59 AM
X-Axis Units	cm-1
Y-Axis Units	A

20

Sample Name	20
Sample Description	Sample 030 By ir Date Thursday, May 14 2015
Analyst	user
Creation Date	5/14/2015 11:29:30 AM
X-Axis Units	cm-1
Y-Axis Units	A

25

Sample Name	25
Sample Description	Sample 031 By ir Date Thursday, May 14 2015
Analyst	user
Creation Date	5/14/2015 11:33:55 AM
X-Axis Units	cm-1
Y-Axis Units	A

30

Sample Name	30
Sample Description	Sample 032 By ir Date Thursday, May 14 2015

Analyst	user
Creation Date	5/14/2015 11:37:08 AM
X-Axis Units	cm-1
Y-Axis Units	A

x

Sample Name	x
Sample Description	Sample 033 By ir Date Thursday, May 14 2015
Analyst	user
Creation Date	5/14/2015 11:40:11 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	3
Resolution	1

15

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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

x

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
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	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
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 Option
Crystal Type

Slide Holder
MIR
Not Specified

15

Instrument Model
Instrument Serial Number
Software Revision
Number of Scans
Resolution
Detector
Source
Beamsplitter
Apodization
Spectrum Type
Beam Type
Phase correction
Scan Speed
IGram Type
Scan Direction
Zero Crossings
JStop
IR-Laser Wavenumber
Manufacturer
Part Number
Description
Default Scan Range / cm-1
Temperature / °C
Accessory Type
Slide Holder Option
Crystal Type

Spectrum Two
100169
NIOS2 Main 00.02.0064 29-November-2013 10:09:27
3
1
MIR TGS
MIR
OptKBr
Strong
Spectrum
Ratio
Self
0.2
Single
Combined
0
4.47
11750.00
L1600217
L1600217
Sample base plate assy (non RFID)
4000 450
Not Specified
Slide Holder
MIR
Not Specified

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Instrument Model
Instrument Serial Number
Software Revision
Number of Scans
Resolution
Detector
Source

Spectrum Two
100169
NIOS2 Main 00.02.0064 29-November-2013 10:09:27
3
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MIR TGS
MIR

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Apodization	Strong
Spectrum Type	Spectrum
Beam Type	Ratio
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IGram Type	Single
Scan Direction	Combined
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Accessory

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Temperature / °C	Not Specified

Accessory Type
Slide Holder Option
Crystal Type

Slide Holder
MIR
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

15

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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Baseline Low	Passed
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Baseline Slope	Passed
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Carbon Dioxide	Passed
Baseline Low	Passed
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Baseline Slope	Passed
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Negative Bands	Warning
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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
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Negative Bands	Warning
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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	5/14/2015 11:22:28 AM		Sample 028 By ir Date Thursday, May 14 2015
user	Atmospheric Correction	5/14/2015 11:22:28 AM		
user	Absorbance	5/14/2015 11:22:28 AM	"Channel:1", "Result.sp"	

15

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/14/2015 11:25:59 AM		Sample 029 By ir Date Thursday, May 14 2015
user	Atmospheric Correction	5/14/2015 11:25:59 AM		
user	Absorbance	5/14/2015 11:26:00 AM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/14/2015 11:29:30 AM		Sample 030 By ir Date Thursday, May 14 2015
user	Atmospheric Correction	5/14/2015 11:29:30 AM		
user	Absorbance	5/14/2015 11:29:30 AM	"Channel:1", "Result.sp"	

25

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/14/2015 11:33:55 AM		Sample 031 By ir Date Thursday, May 14 2015
user	Atmospheric Correction	5/14/2015 11:33:55 AM		
user	Absorbance	5/14/2015 11:33:55 AM	"Channel:1", "Result.sp"	

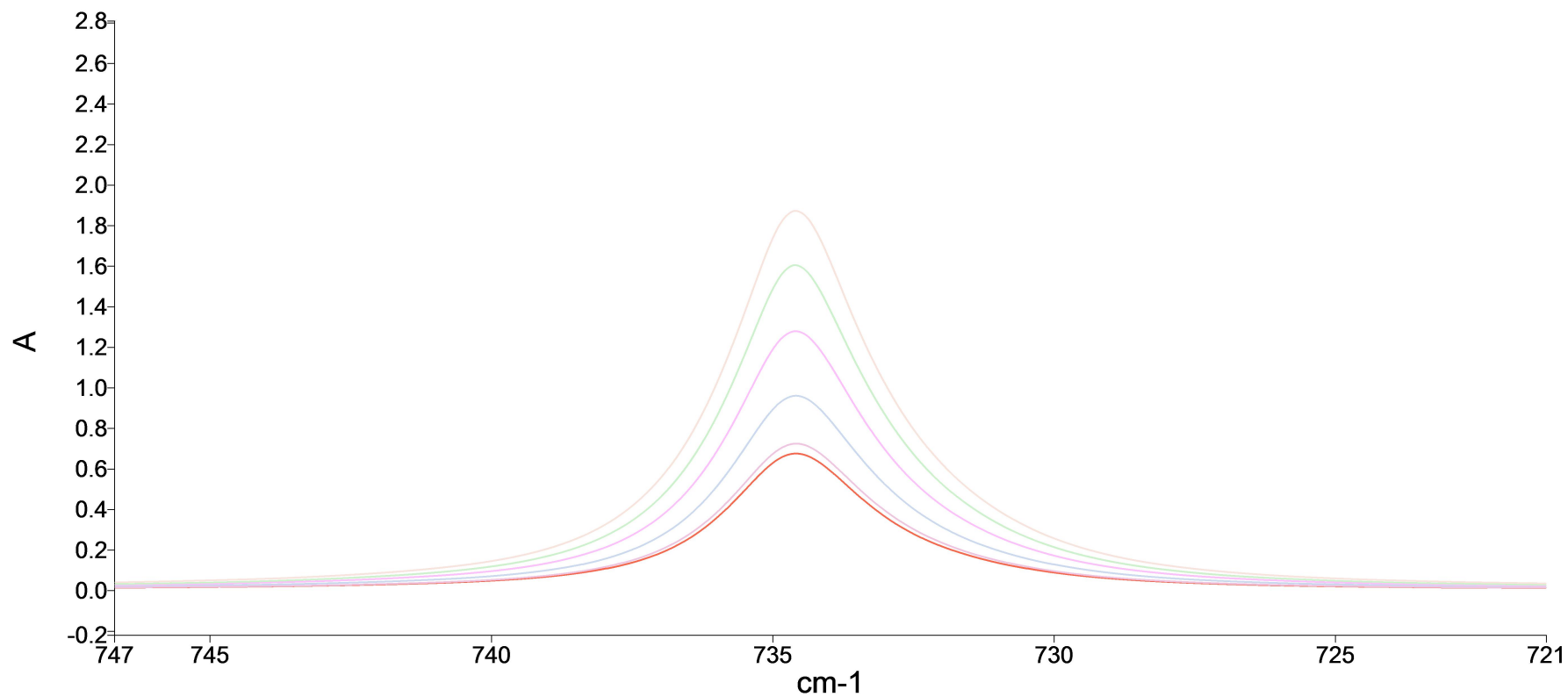
30

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/14/2015 11:37:08 AM		Sample 032 By ir Date Thursday, May 14 2015
user	Atmospheric Correction	5/14/2015 11:37:08 AM		
user	Absorbance	5/14/2015 11:37:08 AM	"Channel:1", "Result.sp"	

x

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/14/2015 11:40:11 AM		Sample 033 By ir Date Thursday, May 14 2015
user	Atmospheric Correction	5/14/2015 11:40:11 AM		
user	Absorbance	5/14/2015 11:40:11 AM	"Channel:1", "Result.sp"	

Spectrum

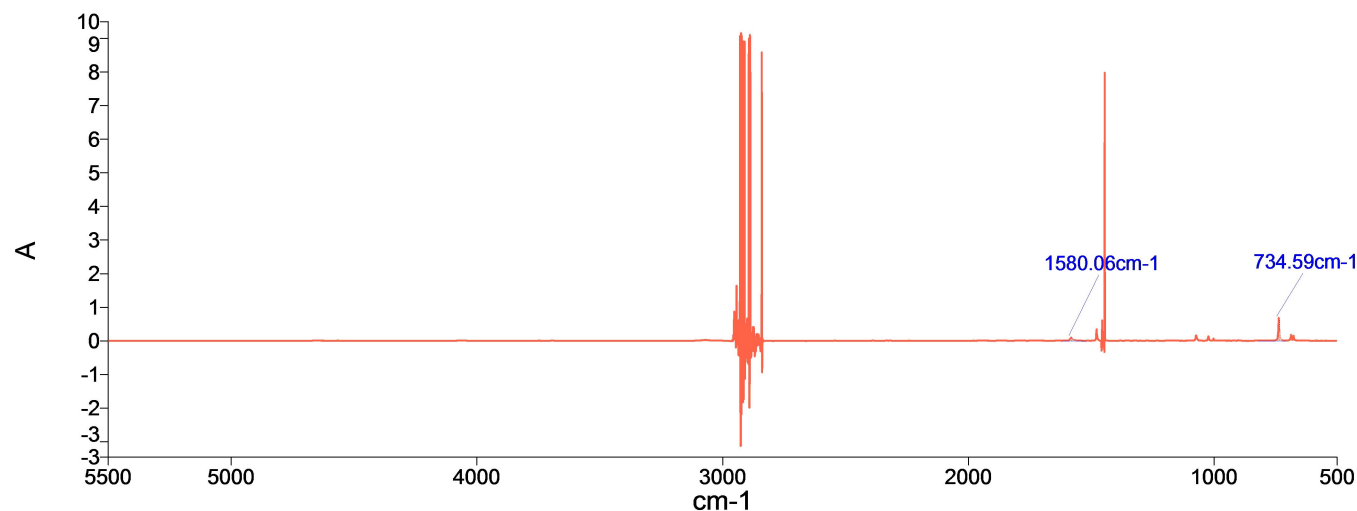


Name	Description
10	Sample 028 By ir Date Thursday, May 14 2015
15	Sample 029 By ir Date Thursday, May 14 2015
20	Sample 030 By ir Date Thursday, May 14 2015
25	Sample 031 By ir Date Thursday, May 14 2015
30	Sample 032 By ir Date Thursday, May 14 2015
x	Sample 033 By ir Date Thursday, May 14 2015

Summary

Sample Name	Description	Quality
10	Sample 028 By ir Date Thursday, May 14 2015	The Quality Checks give rise to multiple warnings for the sample.
15	Sample 029 By ir Date Thursday, May 14 2015	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 030 By ir Date Thursday, May 14 2015	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 031 By ir Date Thursday, May 14 2015	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 032 By ir Date Thursday, May 14 2015	The Quality Checks give rise to multiple warnings for the sample.
x	Sample 033 By ir Date Thursday, May 14 2015	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name

Description

10

Sample 028 By ir Date Thursday, May 14 2015

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	0.6812	3.19	0.6779	765.62	707.09	823.65	707.09
2	1580.06	0.0936	1.05	0.0931	1601.82	1548.39	1617.57	1523.99