

Report Details

Report Location	C:\Users\Didattica\Desktop\chim_fis_2\2015\9\brbn.pdf
Report Creator	user
Report Date	Monday, May 25, 2015 4:22 PM

Sample Details

10

Sample Name	10
Sample Description	Sample 075 By ir Date Monday, May 25 2015
Analyst	user
Creation Date	5/25/2015 3:58:47 PM
X-Axis Units	cm-1
Y-Axis Units	A

15

Sample Name	15
Sample Description	Sample 076 By ir Date Monday, May 25 2015
Analyst	user
Creation Date	5/25/2015 4:02:45 PM
X-Axis Units	cm-1
Y-Axis Units	A

20

Sample Name	20
Sample Description	Sample 077 By ir Date Monday, May 25 2015
Analyst	user
Creation Date	5/25/2015 4:10:33 PM
X-Axis Units	cm-1
Y-Axis Units	A

25

Sample Name	25
Sample Description	Sample 078 By ir Date Monday, May 25 2015
Analyst	user
Creation Date	5/25/2015 4:14:37 PM
X-Axis Units	cm-1
Y-Axis Units	A

30

Sample Name	30
Sample Description	Sample 079 By ir Date Monday, May 25 2015
Analyst	user
Creation Date	5/25/2015 4:17:52 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	4
Resolution	1

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Instrument Model	Spectrum Two
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Instrument Serial Number	100169
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Instrument Details (Full)

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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	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
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

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Accessory

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Quality Checks

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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

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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
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Carbon Dioxide	Passed
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Blocked Beam	Passed
Negative Bands	Warning
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Stray Light	Passed
Window Cutoff	Passed

History

10

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/25/2015 3:58:47 PM		Sample 075 By ir Date Monday, May 25 2015
user	Atmospheric Correction	5/25/2015 3:58:47 PM		
user	Absorbance	5/25/2015 3:58:47 PM	"Channel:1", "Result.sp"	

15

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/25/2015 4:02:45 PM		Sample 076 By ir Date Monday, May 25 2015
user	Atmospheric Correction	5/25/2015 4:02:45 PM		
user	Absorbance	5/25/2015 4:02:45 PM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New	5/25/2015 4:10:33		Sample 077 By ir

Who	What	When	Parameters	Comment
	Dataset	PM		Date Monday, May 25 2015
user	Atmospheric Correction	5/25/2015 4:10:33 PM		
user	Absorbance	5/25/2015 4:10:33 PM	"Channel:1", "Result.sp"	

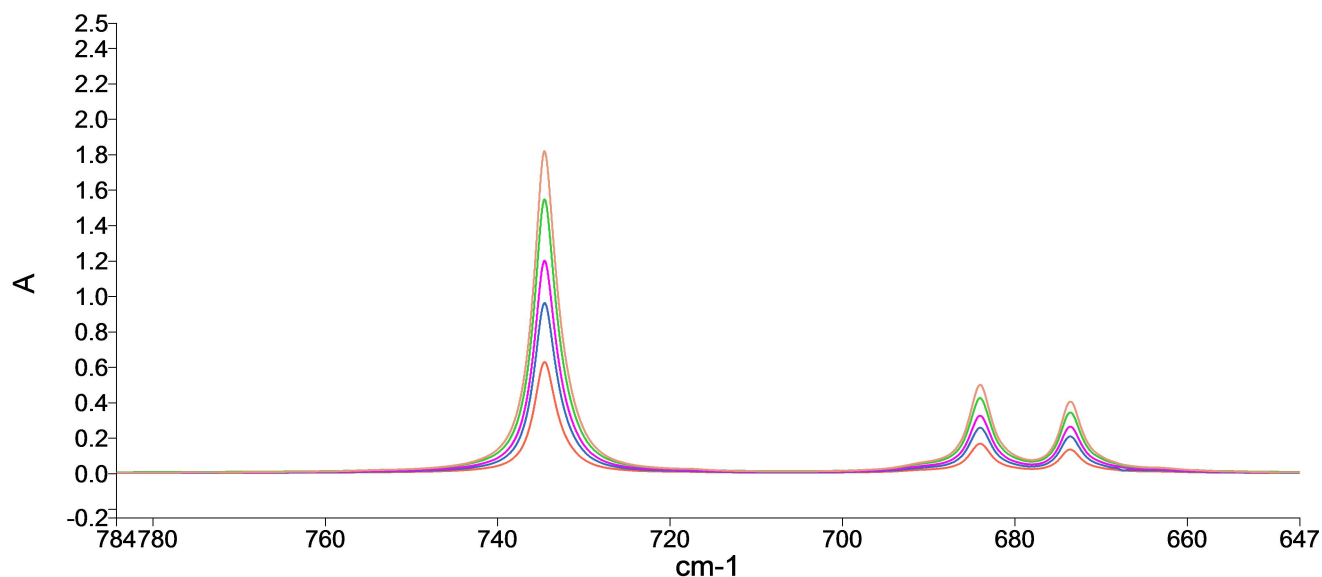
25

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/25/2015 4:14:37 PM		Sample 078 By ir Date Monday, May 25 2015
user	Atmospheric Correction	5/25/2015 4:14:37 PM		
user	Absorbance	5/25/2015 4:14:37 PM	"Channel:1", "Result.sp"	

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Who	What	When	Parameters	Comment
user	Created as New Dataset	5/25/2015 4:17:52 PM		Sample 079 By ir Date Monday, May 25 2015
user	Atmospheric Correction	5/25/2015 4:17:52 PM		
user	Absorbance	5/25/2015 4:17:52 PM	"Channel:1", "Result.sp"	

Spectrum

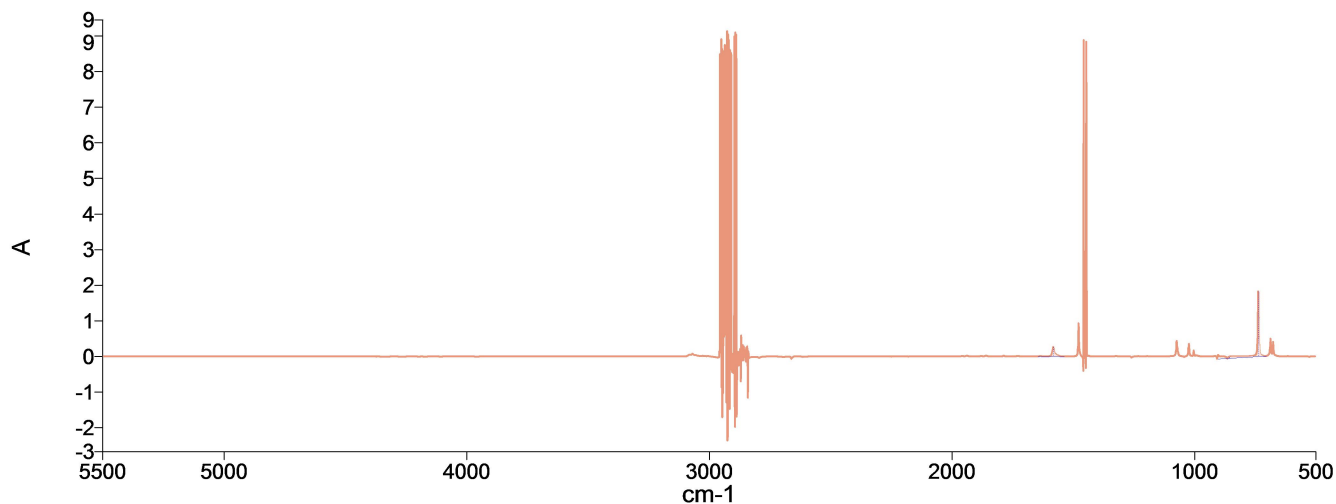


Name	Description
10	Sample 075 By ir Date Monday, May 25 2015
15	Sample 076 By ir Date Monday, May 25 2015
20	Sample 077 By ir Date Monday, May 25 2015
25	Sample 078 By ir Date Monday, May 25 2015
30	Sample 079 By ir Date Monday, May 25 2015

Summary

Sample Name	Description	Quality
10	Sample 075 By ir Date Monday, May 25 2015	The Quality Checks give rise to multiple warnings for the sample.
15	Sample 076 By ir Date Monday, May 25 2015	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 077 By ir Date Monday, May 25 2015	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 078 By ir Date Monday, May 25 2015	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 079 By ir Date Monday, May 25 2015	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name Description
30 Sample 079 By ir Date Monday, May 25 2015

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	0.6353	3.41	0.634	854.92	704.28	904.18	704.28
2	1580.06	0.0866	1.01	0.0863	1649.6	1538	1646.39	1536.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	0.9706	6.85	0.9727	854.92	704.28	904	704.31
2	1580.07	0.1345	1.61	0.1344	1649.6	1538	1646.69	1536.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.61	1.2068	8.58	1.2076	854.92	704.28	904	704.21
2	1580.06	0.1705	2.02	0.1689	1649.6	1538	1646.53	1536.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.61	1.5531	9.74	1.551	854.92	704.28	904	704.16
2	1580.05	0.2219	2.61	0.2202	1649.6	1538	1646.66	1536.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.61	1.8251	12.45	1.8265	854.92	704.28	904	704.16
2	1580.05	0.2629	3.13	0.2623	1649.6	1538	1646.38	1536.52