

Report Details

Report Location	C:\Users\Didattica\Desktop\chim_fis_2\2015\c7c9\brbn.pdf
Report Creator	user
Report Date	Thursday, May 21, 2015 12:00 PM

Sample Details

10

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\c7c9\10.sp
Sample Description	Sample 065 By ir Date Thursday, May 21 2015
Analyst	user
Creation Date	5/21/2015 11:40:57 AM
X-Axis Units	cm-1
Y-Axis Units	A

15

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\c7c9\15.sp
Sample Description	Sample 066 By ir Date Thursday, May 21 2015
Analyst	user
Creation Date	5/21/2015 11:46:02 AM
X-Axis Units	cm-1
Y-Axis Units	A

20

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\c7c9\20.sp
Sample Description	Sample 067 By ir Date Thursday, May 21 2015
Analyst	user
Creation Date	5/21/2015 11:49:57 AM
X-Axis Units	cm-1
Y-Axis Units	A

25

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\c7c9\25.sp
Sample Description	Sample 068 By ir Date Thursday, May 21 2015
Analyst	user
Creation Date	5/21/2015 11:53:45 AM
X-Axis Units	cm-1
Y-Axis Units	A

30

Sample Name	C:\Users\Didattica\Desktop\chim_fis_2\2015\c7c9\30.sp
Sample Description	Sample 069 By ir Date Thursday, May 21 2015

Analyst	user
Creation Date	5/21/2015 11:57:38 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

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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

15

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Accessory

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Quality Checks

10	
Water Vapor	Warning
Carbon Dioxide	Caution
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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Water Vapor	Caution
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
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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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Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Warning
Baseline Slope	Passed
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Negative Bands	Warning
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Negative Bands	Warning
Zero Transmission	Caution
Stray Light	Passed
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History

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/21/2015 11:40:57 AM		Sample 065 By ir Date Thursday, May 21 2015
user	Atmospheric Correction	5/21/2015 11:40:57 AM		
user	Absorbance	5/21/2015 11:40:57 AM	"Channel:1", "Result.sp"	

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Who	What	When	Parameters	Comment
user	Created as New Dataset	5/21/2015 11:46:02 AM		Sample 066 By ir Date Thursday, May 21 2015
user	Atmospheric Correction	5/21/2015 11:46:02 AM		
user	Absorbance	5/21/2015 11:46:02 AM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/21/2015 11:49:57 AM		Sample 067 By ir Date Thursday, May 21 2015
user	Atmospheric Correction	5/21/2015 11:49:57 AM		
user	Absorbance	5/21/2015 11:49:57 AM	"Channel:1", "Result.sp"	

25

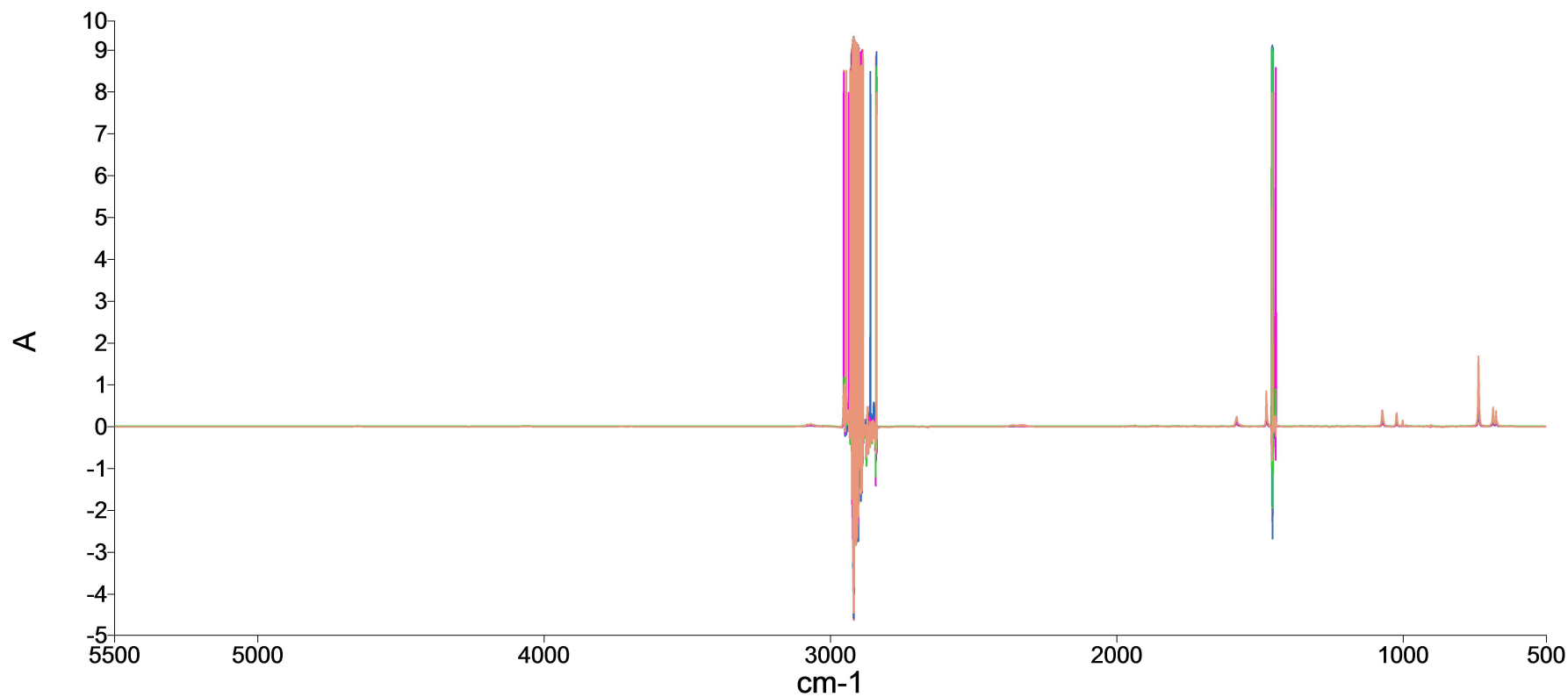
Who	What	When	Parameters	Comment
user	Created as New	5/21/2015 11:53:45		Sample 068 By ir

Who	What	When	Parameters	Comment
	Dataset	AM		Date Thursday, May 21 2015
user	Atmospheric Correction	5/21/2015 11:53:45 AM		
user	Absorbance	5/21/2015 11:53:46 AM	"Channel:1", "Result.sp"	

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Who	What	When	Parameters	Comment
user	Created as New Dataset	5/21/2015 11:57:38 AM		Sample 069 By ir Date Thursday, May 21 2015
user	Atmospheric Correction	5/21/2015 11:57:38 AM		
user	Absorbance	5/21/2015 11:57:38 AM	"Channel:1", "Result.sp"	

Spectrum

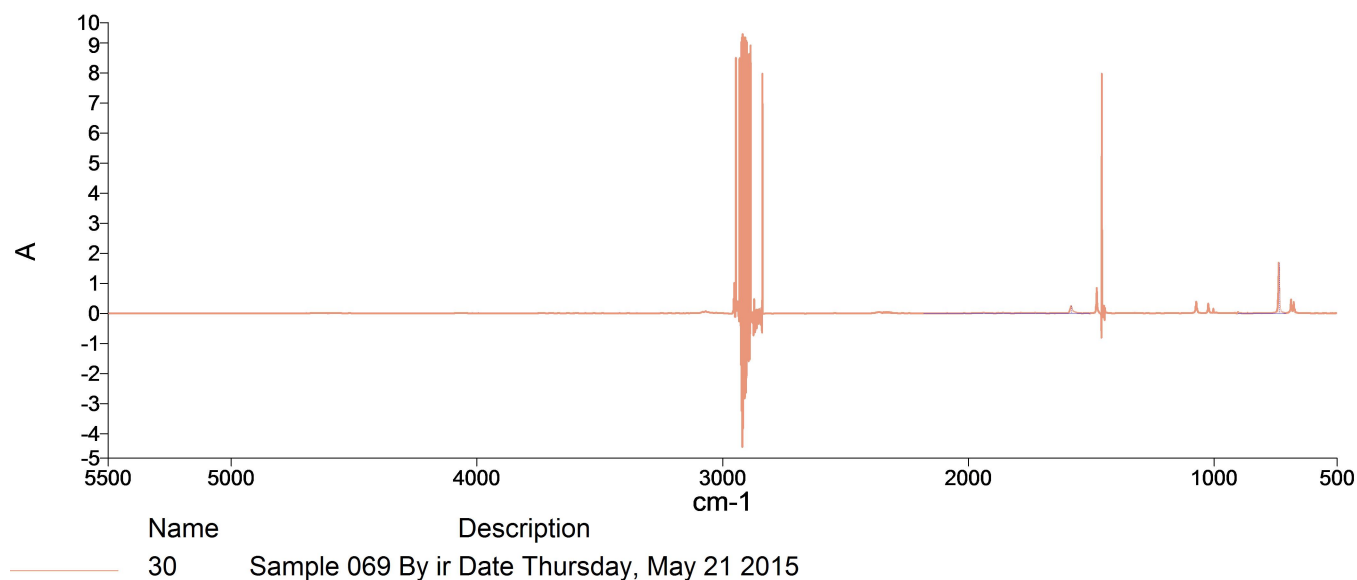


Name	Description
10	Sample 065 By ir Date Thursday, May 21 2015
15	Sample 066 By ir Date Thursday, May 21 2015
20	Sample 067 By ir Date Thursday, May 21 2015
25	Sample 068 By ir Date Thursday, May 21 2015
30	Sample 069 By ir Date Thursday, May 21 2015

Summary

Sample Name	Description	Quality
10	Sample 065 By ir Date Thursday, May 21 2015	The Quality Checks give rise to multiple warnings for the sample.
15	Sample 066 By ir Date Thursday, May 21 2015	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 067 By ir Date Thursday, May 21 2015	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 068 By ir Date Thursday, May 21 2015	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 069 By ir Date Thursday, May 21 2015	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.58	0.5472	3.47	0.5453	903.28	708.85	903.28	708.85
2	1580.07	0.0753	1.67	0.0746	2184.34	1504.89	2184.34	1504.89

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	0.8485	4.75	0.845	903.28	708.85	903.4	708.98
2	1580.06	0.1176	2.32	0.1178	2184.34	1504.89	2184.22	1505.02

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	1.1681	6.71	1.1636	903.28	708.85	903.16	708.97
2	1580.06	0.1642	3.22	0.164	2184.34	1504.89	2184.22	1505.02

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	1.5011	8.21	1.4936	903.28	708.85	903.4	708.92
2	1580.06	0.2145	3.99	0.2129	2184.34	1504.89	2184.22	1505.02

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.6	1.6852	7.94	1.6735	903.28	708.85	903.4	708.72
2	1580.05	0.244	4.17	0.2404	2184.34	1504.89	2184.22	1505.02