

Report Details

Report Location C:\Users\Didattica\Desktop\chim_fis_2\2016\4b7\Samples View 1.pdf
Report Creator user
Report Date Monday, June 06, 2016 4:52 PM

Sample Details

10

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\4b7\10.sp
Sample Description Sample 036 By ir Date Monday, June 06 2016
Analyst user
Creation Date 6/6/2016 4:23:33 PM
X-Axis Units cm-1
Y-Axis Units A

15

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\4b7\15.sp
Sample Description Sample 037 By ir Date Monday, June 06 2016
Analyst user
Creation Date 6/6/2016 4:30:11 PM
X-Axis Units cm-1
Y-Axis Units A

20

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\4b7\20.sp
Sample Description Sample 038 By ir Date Monday, June 06 2016
Analyst user
Creation Date 6/6/2016 4:34:11 PM
X-Axis Units cm-1
Y-Axis Units A

25

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\4b7\25.sp
Sample Description Sample 039 By ir Date Monday, June 06 2016
Analyst user
Creation Date 6/6/2016 4:38:18 PM
X-Axis Units cm-1
Y-Axis Units A

30

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\4b7\30.sp
Sample Description Sample 040 By ir Date Monday, June 06 2016
Analyst user
Creation Date 6/6/2016 4:43:34 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

15

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 Background
 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 KBr Disc

15

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	Background
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	KBr Disc

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
Detector	MIR TGS
Source	MIR
Beamsplitter	OptKBr
Apodization	Strong
Spectrum Type	Spectrum
Beam Type	Ratio
Phase correction	Background
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	KBr Disc

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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	Background
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
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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	Background
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	KBr Disc

Accessory

10

Manufacturer	L1600217
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Part Number	L1600217
Description	Sample base plate assy (non RFID)
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Accessory Type	Slide Holder
Slide Holder Option	KBr Disc

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Part Number	L1600217
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Manufacturer	L1600217
Part Number	L1600217
Description	Sample base plate assy (non RFID)
Default Scan Range / cm-1	4000 450
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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	KBr Disc

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

20

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

25

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

30

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

History

10

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/6/2016 4:23:33 PM		Sample 036 By ir Date Monday, June 06 2016
user	Atmospheric Correction	6/6/2016 4:23:33 PM		
user	Absorbance	6/6/2016 4:23:33 PM	"Channel:1", "Result.sp"	

15

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/6/2016 4:30:11 PM		Sample 037 By ir Date Monday, June 06 2016
user	Atmospheric Correction	6/6/2016 4:30:11 PM		
user	Absorbance	6/6/2016 4:30:11 PM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/6/2016 4:34:11 PM		Sample 038 By ir Date Monday, June 06 2016
user	Atmospheric Correction	6/6/2016 4:34:11 PM		
user	Absorbance	6/6/2016 4:34:12 PM	"Channel:1", "Result.sp"	

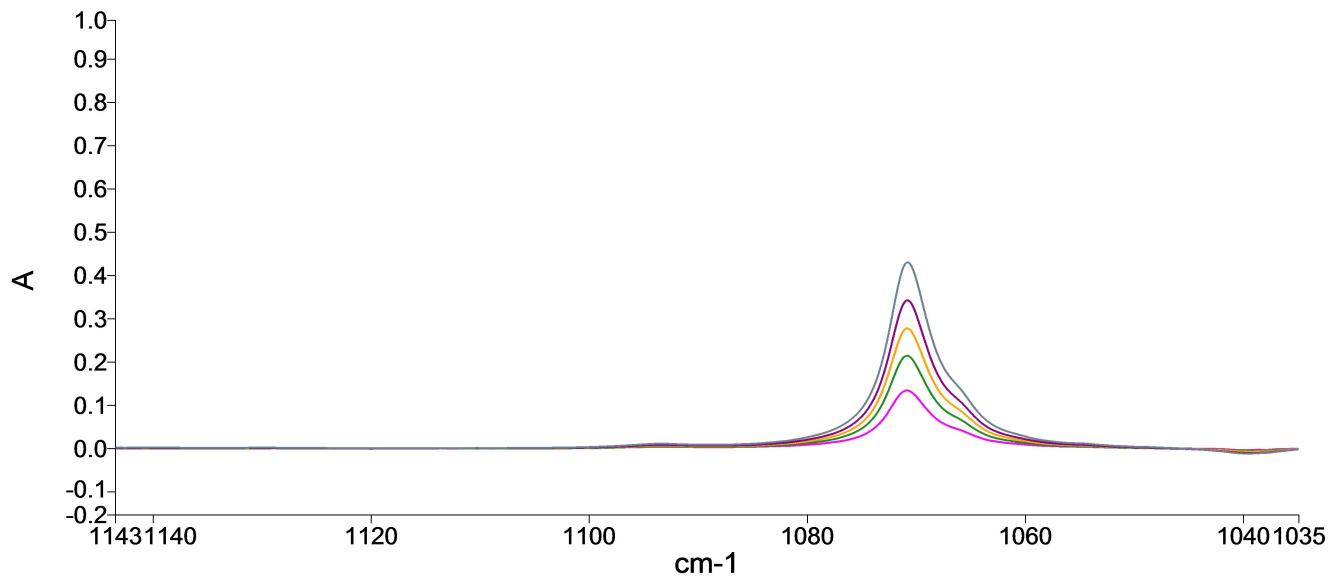
25

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/6/2016 4:38:18 PM		Sample 039 By ir Date Monday, June 06 2016
user	Atmospheric Correction	6/6/2016 4:38:18 PM		
user	Absorbance	6/6/2016 4:38:18 PM	"Channel:1", "Result.sp"	

30

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/6/2016 4:43:34 PM		Sample 040 By ir Date Monday, June 06 2016
user	Atmospheric Correction	6/6/2016 4:43:34 PM		
user	Absorbance	6/6/2016 4:43:34 PM	"Channel:1", "Result.sp"	

Spectrum

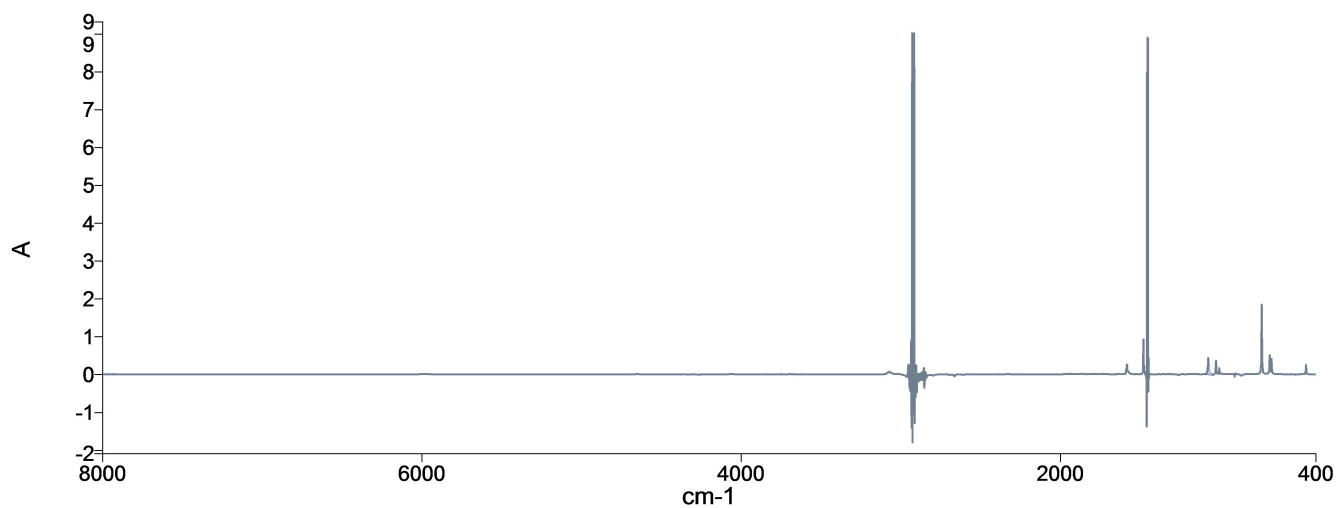


Name	Description
10	Sample 036 By ir Date Monday, June 06 2016
15	Sample 037 By ir Date Monday, June 06 2016
20	Sample 038 By ir Date Monday, June 06 2016
25	Sample 039 By ir Date Monday, June 06 2016
30	Sample 040 By ir Date Monday, June 06 2016

Summary

Sample Name	Description	Quality
10	Sample 036 By ir Date Monday, June 06 2016	The Quality Checks give rise to multiple warnings for the sample.
15	Sample 037 By ir Date Monday, June 06 2016	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 038 By ir Date Monday, June 06 2016	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 039 By ir Date Monday, June 06 2016	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 040 By ir Date Monday, June 06 2016	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name Description
 30 Sample 040 By ir Date Monday, June 06 2016

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.56	0.6074	3.43	0.6065	858.58	704.18	858.58	704.18

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.57	0.9569	5.27	0.9552	858.58	704.18	858.33	704.43

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.57	1.2237	6.94	1.2214	858.58	704.18	858.33	704.43

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.58	1.4881	8.76	1.4859	858.58	704.18	858.83	704.43

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.57	1.8523	10.92	1.8494	858.58	704.18	858.83	704.43

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.85	0.1364	1.08	0.1373	1096.41	1039.57	1096.62	1039.57

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.83	0.2166	1.66	0.2179	1096.41	1039.57	1096.62	1039.32

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.81	0.2804	2.18	0.2822	1096.41	1039.57	1096.62	1039.32

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.79	0.3446	2.73	0.3473	1096.41	1039.57	1096.62	1039.32

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.77	0.4332	3.4	0.436	1096.41	1039.57	1096.62	1039.47