

Report Details

Report Location C:\Users\Didattica\Desktop\chim_fis_2\2016\A3a5\Samples View 1.pdf
Report Creator user
Report Date Monday, June 13, 2016 4:36 PM

Sample Details

10

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\A3a5\10.sp
Sample Description Sample 005 By ir Date Monday, June 13 2016
Analyst user
Creation Date 6/13/2016 4:16:47 PM
X-Axis Units cm-1
Y-Axis Units A

15

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\A3a5\15.sp
Sample Description Sample 006 By ir Date Monday, June 13 2016
Analyst user
Creation Date 6/13/2016 4:21:34 PM
X-Axis Units cm-1
Y-Axis Units A

20

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\A3a5\20.sp
Sample Description Sample 007 By ir Date Monday, June 13 2016
Analyst user
Creation Date 6/13/2016 4:25:33 PM
X-Axis Units cm-1
Y-Axis Units A

25

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\A3a5\25.sp
Sample Description Sample 008 By ir Date Monday, June 13 2016
Analyst user
Creation Date 6/13/2016 4:29:32 PM
X-Axis Units cm-1
Y-Axis Units A

30

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\A3a5\30.sp
Sample Description Sample 009 By ir Date Monday, June 13 2016
Analyst user
Creation Date 6/13/2016 4:32:54 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 00.02.0079 15-December-2014 11:35:32
Number of Scans 4
Resolution 1

15

Instrument Model Spectrum Two

Instrument Serial Number 100169
Software Revision NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans 4
Resolution 1

20

Instrument Model Spectrum Two
Instrument Serial Number 100169
Software Revision NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans 4
Resolution 1

25

Instrument Model Spectrum Two
Instrument Serial Number 100169
Software Revision NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans 4
Resolution 1

30

Instrument Model Spectrum Two
Instrument Serial Number 100169
Software Revision NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans 4
Resolution 1

Instrument Details (Full)

10

Instrument Model Spectrum Two
Instrument Serial Number 100169
Software Revision NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans 4
Resolution 1
Detector LiTa03
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 Not Specified

15

Instrument Model Spectrum Two

Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans	4
Resolution	1
Detector	LiTa03
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	Not Specified

20

Instrument Model	Spectrum Two
Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans	4
Resolution	1
Detector	LiTa03
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	Not Specified

25

Instrument Model	Spectrum Two
Instrument Serial Number	100169

Software Revision	NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans	4
Resolution	1
Detector	LiTa03
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	Not Specified

30

Instrument Model	Spectrum Two
Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0079 15-December-2014 11:35:32
Number of Scans	4
Resolution	1
Detector	LiTa03
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	Not Specified

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	Not Specified

15

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	Not Specified

20

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	Not Specified

25

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	Not Specified

30

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	Not Specified

Quality Checks

10

Water Vapor	Passed
Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Passed
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	Caution
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	Caution
Baseline Slope	Passed
Strong Bands	Warning
Weak Bands	Passed
High Noise	Passed
Fringes	Passed
Vignetting	Passed
Blocked Beam	Passed
Negative Bands	Caution
Zero Transmission	Caution
Stray Light	Passed
Window Cutoff	Passed

25

Water Vapor	Passed
Carbon Dioxide	Passed
Baseline Low	Passed
Baseline High	Caution
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	Caution
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	6/13/2016 4:16:47 PM		Sample 005 By ir Date Monday, June 13 2016
user	Atmospheric Correction	6/13/2016 4:16:47 PM		
user	Absorbance	6/13/2016 4:16:47 PM	"Channel:1", "Result.sp"	

15

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/13/2016 4:21:34 PM		Sample 006 By ir Date Monday, June 13 2016
user	Atmospheric Correction	6/13/2016 4:21:34 PM		
user	Absorbance	6/13/2016 4:21:34 PM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/13/2016 4:25:33 PM		Sample 007 By ir Date Monday, June 13 2016
user	Atmospheric Correction	6/13/2016 4:25:33 PM		
user	Absorbance	6/13/2016 4:25:33 PM	"Channel:1", "Result.sp"	

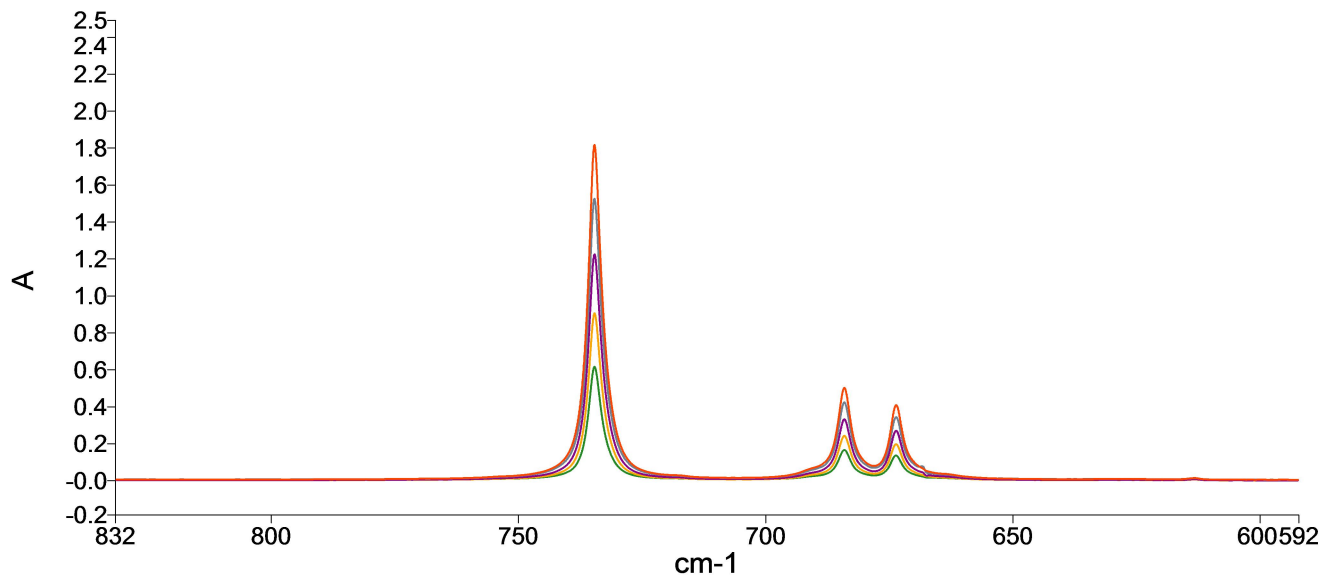
25

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/13/2016 4:29:32 PM		Sample 008 By ir Date Monday, June 13 2016
user	Atmospheric Correction	6/13/2016 4:29:32 PM		
user	Absorbance	6/13/2016 4:29:33 PM	"Channel:1", "Result.sp"	

30

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/13/2016 4:32:54 PM		Sample 009 By ir Date Monday, June 13 2016
user	Atmospheric Correction	6/13/2016 4:32:54 PM		
user	Absorbance	6/13/2016 4:32:54 PM	"Channel:1", "Result.sp"	

Spectrum

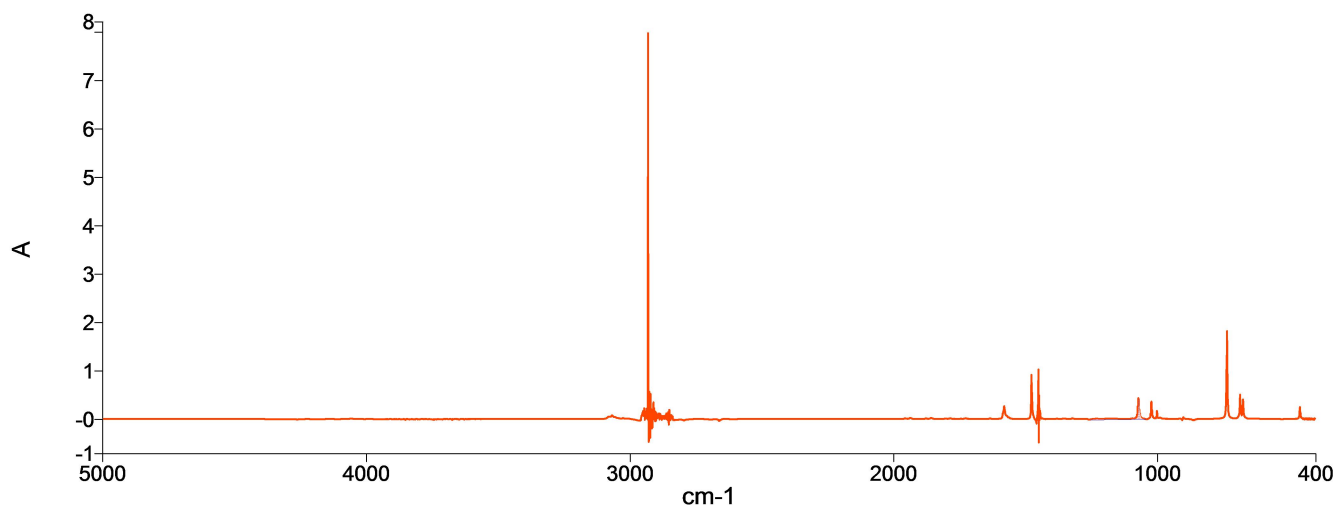


Name	Description
10	Sample 005 By ir Date Monday, June 13 2016
15	Sample 006 By ir Date Monday, June 13 2016
20	Sample 007 By ir Date Monday, June 13 2016
25	Sample 008 By ir Date Monday, June 13 2016
30	Sample 009 By ir Date Monday, June 13 2016

Summary

Sample Name	Description	Quality
10	Sample 005 By ir Date Monday, June 13 2016	The Quality Checks give rise to multiple warnings for the sample.
15	Sample 006 By ir Date Monday, June 13 2016	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 007 By ir Date Monday, June 13 2016	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 008 By ir Date Monday, June 13 2016	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 009 By ir Date Monday, June 13 2016	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name Description
 ——— 30 Sample 009 By ir Date Monday, June 13 2016

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.67	0.6214	2.93	0.6189	817.27	706.2	816.66	706.2

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.67	0.9127	4.29	0.9092	817.27	706.2	817.07	706.28

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.68	1.231	5.82	1.2261	817.27	706.2	816.66	706.25

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.69	1.5333	7.33	1.5244	817.27	706.2	816.99	705.95

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.68	1.8246	8.75	1.8154	817.27	706.2	816.66	705.95

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.99	0.1395	1.21	0.1392	1253.94	1046.01	1253.94	1046.01

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.96	0.206	2.21	0.2075	1253.94	1046.01	1254.19	1045.96

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.95	0.2817	3.01	0.2837	1253.94	1046.01	1254.19	1045.76

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.93	0.3595	3.77	0.359	1253.94	1046.01	1254.19	1045.76

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.92	0.4303	4.89	0.4302	1253.94	1046.01	1254.19	1045.76