

Report Details

Report Location C:\Users\Didattica\Desktop\chim_fis_2\2016\b3b4\Samples View 1.pdf
Report Creator user
Report Date Wednesday, June 08, 2016 5:42 PM

Sample Details

10

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\b3b4\10.sp
Sample Description Sample 047 By ir Date Wednesday, June 08 2016
Analyst user
Creation Date 6/8/2016 4:29:37 PM
X-Axis Units cm-1
Y-Axis Units A

20

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\b3b4\20.sp
Sample Description Sample 049 By ir Date Wednesday, June 08 2016
Analyst user
Creation Date 6/8/2016 4:40:42 PM
X-Axis Units cm-1
Y-Axis Units A

25

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\b3b4\25.sp
Sample Description Sample 050 By ir Date Wednesday, June 08 2016
Analyst user
Creation Date 6/8/2016 4:46:31 PM
X-Axis Units cm-1
Y-Axis Units A

30c

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\b3b4\30c.sp
Sample Description Sample 056 By ir Date Wednesday, June 08 2016
Analyst user
Creation Date 6/8/2016 5:21:07 PM
X-Axis Units cm-1
Y-Axis Units A

15a

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\b3b4\15a.sp
Sample Description Sample 058 By ir Date Wednesday, June 08 2016
Analyst user
Creation Date 6/8/2016 5:34:47 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

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

30c

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

15a

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

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

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
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

30c

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

15a

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

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

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

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	KBr Disc

30c

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

15a

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	Passed
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	Passed
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

30c

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

15a

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

History

10

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/8/2016 4:29:37 PM		Sample 047 By ir Date Wednesday, June 08 2016
user	Atmospheric Correction	6/8/2016 4:29:37 PM		
user	Absorbance	6/8/2016 4:29:37 PM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/8/2016 4:40:42 PM		Sample 049 By ir Date Wednesday, June 08 2016
user	Atmospheric Correction	6/8/2016 4:40:42 PM		
user	Absorbance	6/8/2016 4:40:42 PM	"Channel:1", "Result.sp"	

25

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/8/2016 4:46:31 PM		Sample 050 By ir Date Wednesday, June 08 2016
user	Atmospheric Correction	6/8/2016 4:46:31 PM		
user	Absorbance	6/8/2016 4:46:31 PM	"Channel:1", "Result.sp"	

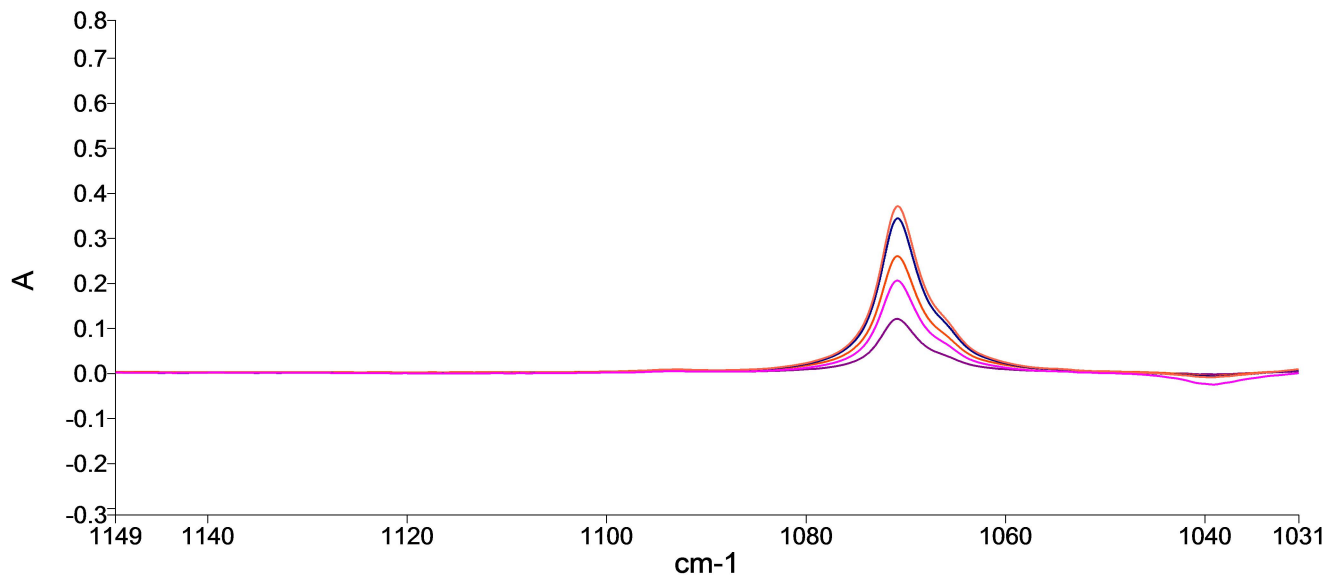
30c

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/8/2016 5:21:07 PM		Sample 056 By ir Date Wednesday, June 08 2016
user	Atmospheric Correction	6/8/2016 5:21:07 PM		
user	Absorbance	6/8/2016 5:21:07 PM	"Channel:1", "Result.sp"	

15a

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/8/2016 5:34:47 PM		Sample 058 By ir Date Wednesday, June 08 2016
user	Atmospheric Correction	6/8/2016 5:34:47 PM		
user	Absorbance	6/8/2016 5:34:47 PM	"Channel:1", "Result.sp"	

Spectrum

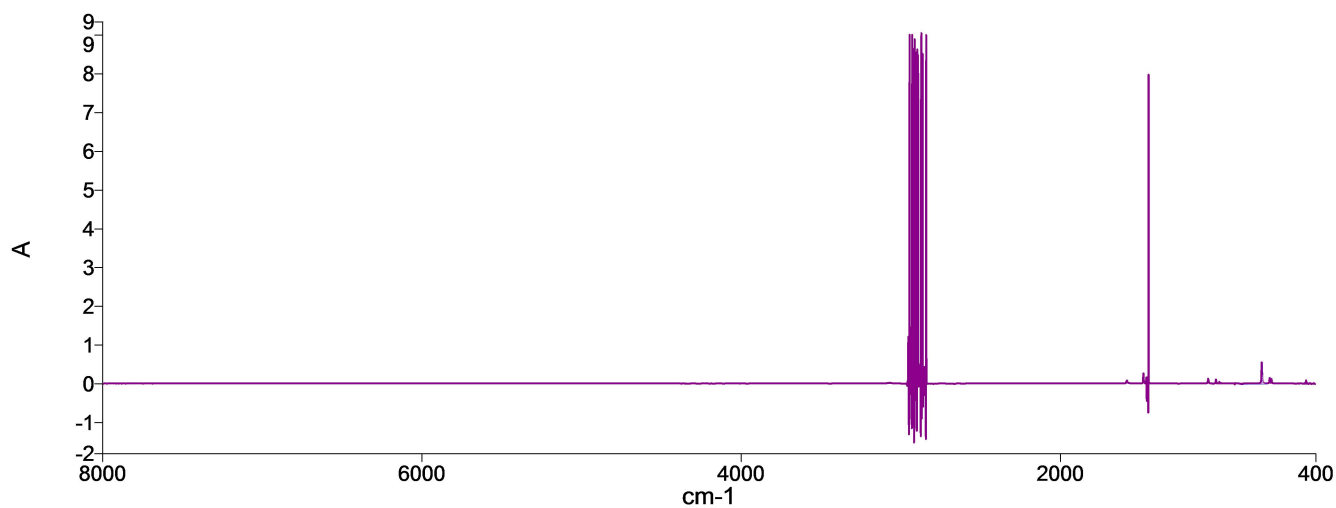


Name	Description
10	Sample 047 By ir Date Wednesday, June 08 2016
20	Sample 049 By ir Date Wednesday, June 08 2016
25	Sample 050 By ir Date Wednesday, June 08 2016
30c	Sample 056 By ir Date Wednesday, June 08 2016
15a	Sample 058 By ir Date Wednesday, June 08 2016

Summary

Sample Name	Description	Quality
10	Sample 047 By ir Date Wednesday, June 08 2016	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 049 By ir Date Wednesday, June 08 2016	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 050 By ir Date Wednesday, June 08 2016	The Quality Checks give rise to multiple warnings for the sample.
30c	Sample 056 By ir Date Wednesday, June 08 2016	The Quality Checks give rise to multiple warnings for the sample.
15a	Sample 058 By ir Date Wednesday, June 08 2016	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name Description
 10 Sample 047 By ir Date Wednesday, June 08 2016

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.56	0.5492	3.8	0.5496	863.17	708.44	863.17	708.44

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.56	1.1409	7.25	1.1383	863.17	708.44	863.06	708.4

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.57	1.4964	8.77	1.4939	863.17	708.44	863.33	708.19

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.56	1.5994	9.81	1.5964	863.17	708.44	863.01	708.52

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.56	0.8849	20.72	0.918	863.17	708.44	862.92	708.69

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.84	0.1241	1.2	0.1266	1180.82	1038.95	1180.82	1038.95

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.81	0.2632	2.59	0.2679	1180.82	1038.95	1180.82	1039.05

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.79	0.3466	3.16	0.3531	1180.82	1038.95	1180.82	1038.9

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.78	0.3735	3.56	0.3808	1180.82	1038.95	1180.82	1039.2

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.82	0.209	3.33	0.2295	1180.82	1038.95	1180.82	1039.06