

Report Details

Report Location	C:\Users\Didattica\Desktop\chim_fis_2\2015\b9\polistirene.pdf
Report Creator	user
Report Date	Wednesday, May 27, 2015 4:45 PM

Sample Details

polistirene

Sample Name	polistirene
Sample Description	Sample 084 By ir Date Wednesday, May 27 2015
Analyst	user
Creation Date	5/27/2015 4:43:33 PM
X-Axis Units	cm-1
Y-Axis Units	A

polistirene_1

Sample Name	polistirene_1
Sample Description	Sample 084 By ir Date Wednesday, May 27 2015
Analyst	user
Creation Date	5/27/2015 4:43:33 PM
X-Axis Units	cm-1
Y-Axis Units	A

polistirene_2

Sample Name	polistirene_2
Sample Description	Sample 084 By ir Date Wednesday, May 27 2015
Analyst	user
Creation Date	5/27/2015 4:43:33 PM
X-Axis Units	cm-1
Y-Axis Units	A

Instrument Details

polistirene

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

polistirene_1

Instrument Model	Spectrum Two
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Instrument Serial Number	100169
Software Revision	NIOS2 Main 00.02.0064 29-November-2013 10:09:27
Number of Scans	4
Resolution	1

polistirene_2

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)

polistirene

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
polistirene_1	
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
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Apodization	Strong
Spectrum Type	Spectrum
Beam Type	Ratio
Phase correction	Self
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IGram Type	Single
Scan Direction	Combined
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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
polistirene_2	
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
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Temperature / °C	Not Specified
Accessory Type	Slide Holder
Slide Holder Option	MIR
Crystal Type	Not Specified

Accessory

polistirene

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

polistirene_1

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

polistirene_2

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

Quality Checks

polistirene

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	Warning
Vignetting	Passed
Blocked Beam	Passed
Negative Bands	Passed
Zero Transmission	Passed
Stray Light	Passed
Window Cutoff	Passed

polistirene_1

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	Warning
Vignetting	Passed
Blocked Beam	Passed

Negative Bands Passed
Zero Transmission Passed
Stray Light Passed
Window Cutoff Passed

polistirene_2

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 Warning
Vignetting Passed
Blocked Beam Passed
Negative Bands Passed
Zero Transmission Passed
Stray Light Passed
Window Cutoff Passed

History

polistirene

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/27/2015 4:43:33 PM		Sample 084 By ir Date Wednesday, May 27 2015
user	Atmospheric Correction	5/27/2015 4:43:33 PM		
user	Absorbance	5/27/2015 4:43:33 PM	"Channel:1", "Result.sp"	

polistirene_1

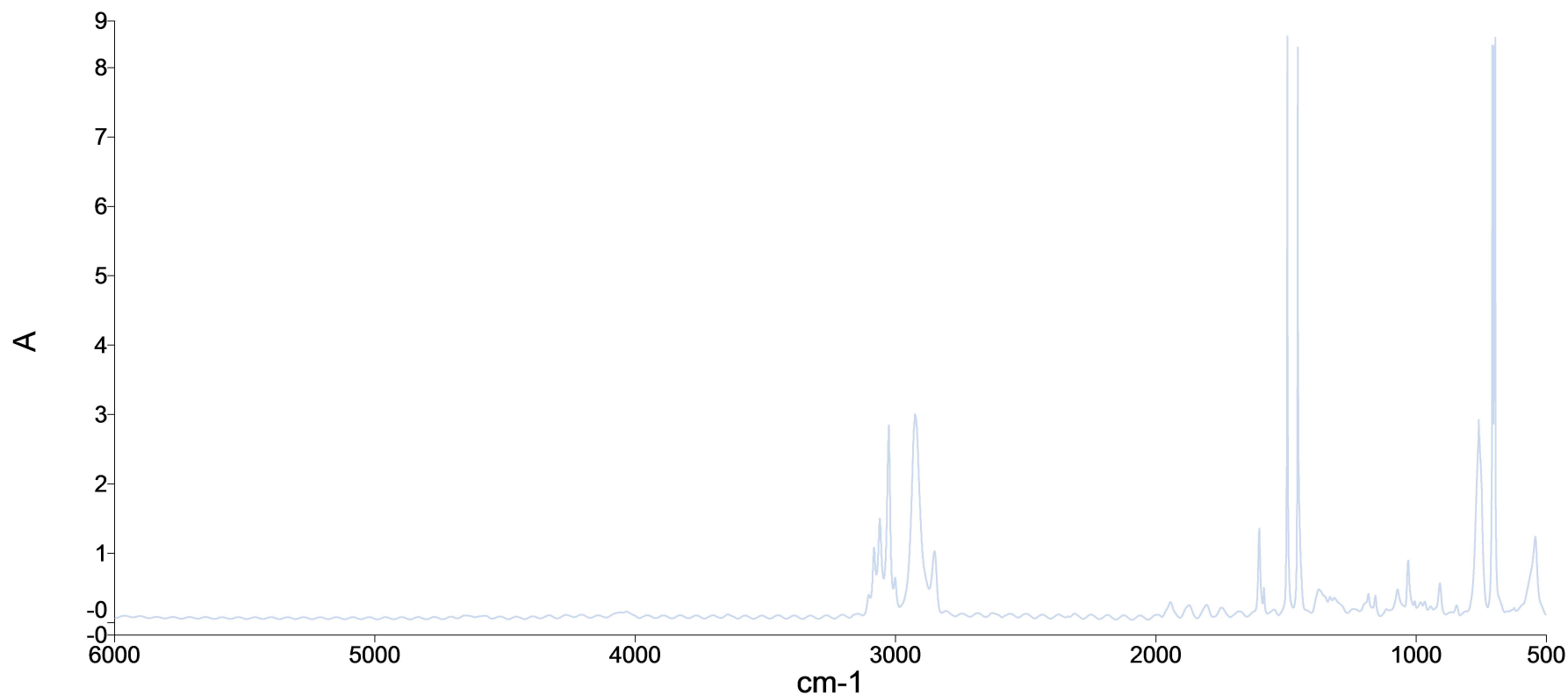
Who	What	When	Parameters	Comment
user	Created as New	5/27/2015 4:43:33		Sample 084 By ir

Who	What	When	Parameters	Comment
	Dataset	PM		Date Wednesday, May 27 2015
user	Atmospheric Correction	5/27/2015 4:43:33 PM		
user	Absorbance	5/27/2015 4:43:33 PM	"Channel:1", "Result.sp"	

polistirene_2

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/27/2015 4:43:33 PM		Sample 084 By ir Date Wednesday, May 27 2015
user	Atmospheric Correction	5/27/2015 4:43:33 PM		
user	Absorbance	5/27/2015 4:43:33 PM	"Channel:1", "Result.sp"	

Spectrum



Name	Description
— polistirene	Sample 084 By ir Date Wednesday, May 27 2015
— polistirene_1	Sample 084 By ir Date Wednesday, May 27 2015
— polistirene_2	Sample 084 By ir Date Wednesday, May 27 2015

Summary

Sample Name	Description	Quality
polistirene	Sample 084 By ir Date Wednesday, May 27 2015	The Quality Checks give rise to multiple warnings for the sample.

Sample Name	Description	Quality
polistirene_1	Sample 084 By ir Date Wednesday, May 27 2015	The Quality Checks give rise to multiple warnings for the sample.
polistirene_2	Sample 084 By ir Date Wednesday, May 27 2015	The Quality Checks give rise to multiple warnings for the sample.