

### Report Details

Report Location C:\Users\Didattica\Desktop\chim\_fis\_2\2015\b9\polistirene\_1.pdf  
Report Creator user  
Report Date Wednesday, May 27, 2015 4:46 PM

### Sample Details

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

### Instrument Details

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)

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

**Accessory**

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**

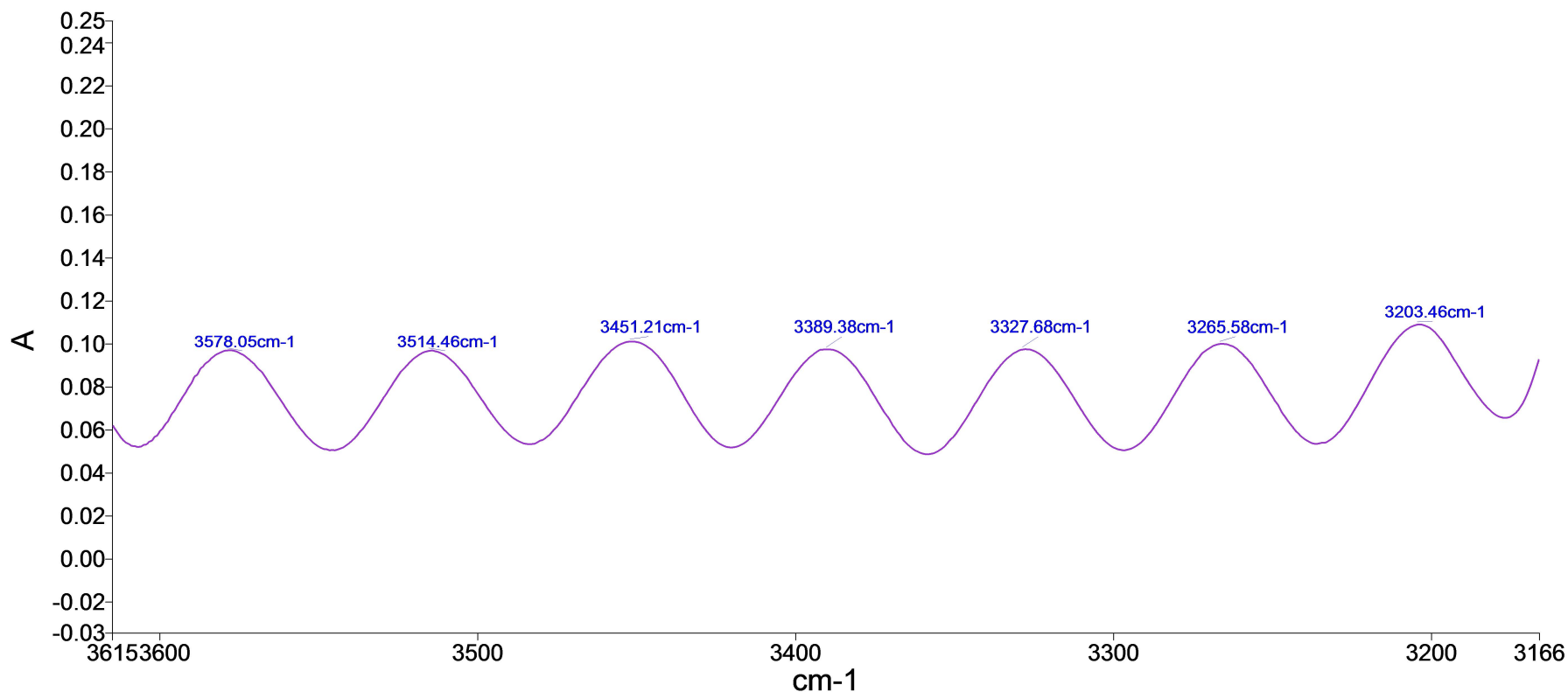
Water Vapor Passed  
 Carbon Dioxide Passed  
 Baseline Low Passed  
 Baseline High Passed  
 Baseline Slope Passed  
 Strong Bands Warning  
 Weak Bands Passed  
 High Noise Passed  
 Fringes Warning  
 Vignetting Passed  
 Blocked Beam Passed  
 Negative Bands Passed  
 Zero Transmission Passed  
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

**History**

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

Who	What	When	Parameters	Comment
				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

**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.