

## Report Details

Report Location C:\Users\Didattica\Desktop\chim\_fis\_2\2016\1606\polistirene\_2.pdf  
Report Creator user  
Report Date Thursday, June 16, 2016 11:47 AM

## Sample Details

### polistirene

Sample Name polistirene  
Sample Description Sample 027 By ir Date Thursday, June 16 2016  
Analyst user  
Creation Date 6/16/2016 11:46:31 AM  
X-Axis Units cm-1  
Y-Axis Units A

## Instrument Details

### polistirene

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

## Instrument Details (Full)

### polistirene

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

### 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 Not Specified

**Quality Checks**

**polistirene**

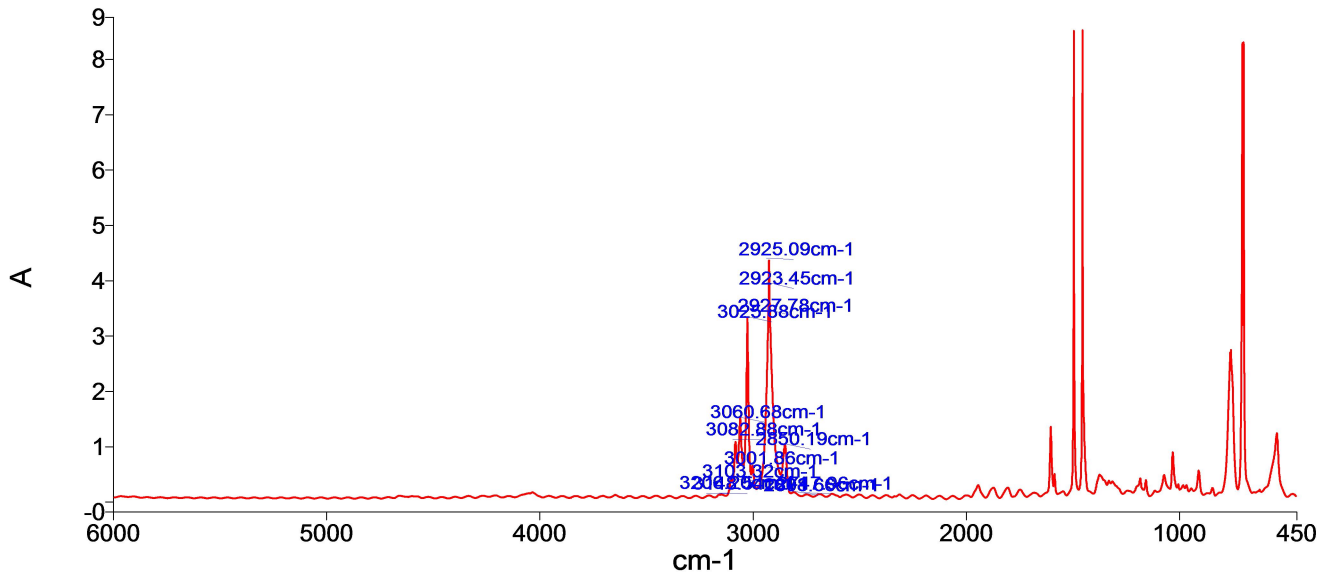
Water Vapor Passed  
 Carbon Dioxide Passed  
 Baseline Low Passed  
 Baseline High Passed  
 Baseline Slope Passed  
 Strong Bands Warning  
 Weak Bands Passed  
 High Noise Passed  
 Fringes Warning  
 Vignetting Passed  
 Blocked Beam Passed  
 Negative Bands Passed  
 Zero Transmission Passed  
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

**History**

**polistirene**

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/16/2016 11:46:31 AM		Sample 027 By ir Date Thursday, June 16 2016
user	Atmospheric Correction	6/16/2016 11:46:31 AM		
user	Absorbance	6/16/2016 11:46:32 AM	"Channel:1", "Result.sp"	

**Spectrum**



Name	Description
— polystyrene	Sample 027 By ir Date Thursday, June 16 2016

**Summary**

Sample Name	Description	Quality
polystyrene	Sample 027 By ir Date Thursday, June 16 2016	The Quality Checks give rise to multiple warnings for the sample.