

## Report Details

|                 |                                                                         |
|-----------------|-------------------------------------------------------------------------|
| Report Location | C:\Users\Didattica\Desktop\chim_fis_2\2015\b5b6\Samples View 1_CO_5.pdf |
| Report Creator  | user                                                                    |
| Report Date     | Wednesday, May 13, 2015 4:56 PM                                         |

## Sample Details

|                    |                                              |
|--------------------|----------------------------------------------|
| Sample Name        | CO                                           |
| Sample Description | Sample 013 By ir Date Wednesday, May 13 2015 |
| Analyst            | user                                         |
| Creation Date      | 5/13/2015 3:27:37 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          | 6                                               |
| Resolution               | 0.5                                             |

## 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          | 6                                               |
| Resolution               | 0.5                                             |
| Detector                 | MIR TGS                                         |
| Source                   | MIR                                             |
| Beamsplitter             | OptKBr                                          |
| Apodization              | Weak                                            |
| Spectrum Type            | Spectrum                                        |
| Beam Type                | Ratio                                           |
| Phase correction         | Self                                            |
| Scan Speed               | 0.2                                             |
| IGram Type               | Single                                          |
| Scan Direction           | Combined                                        |
| Zero Crossings           | 0                                               |
| JStop                    | 3.16                                            |
| 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

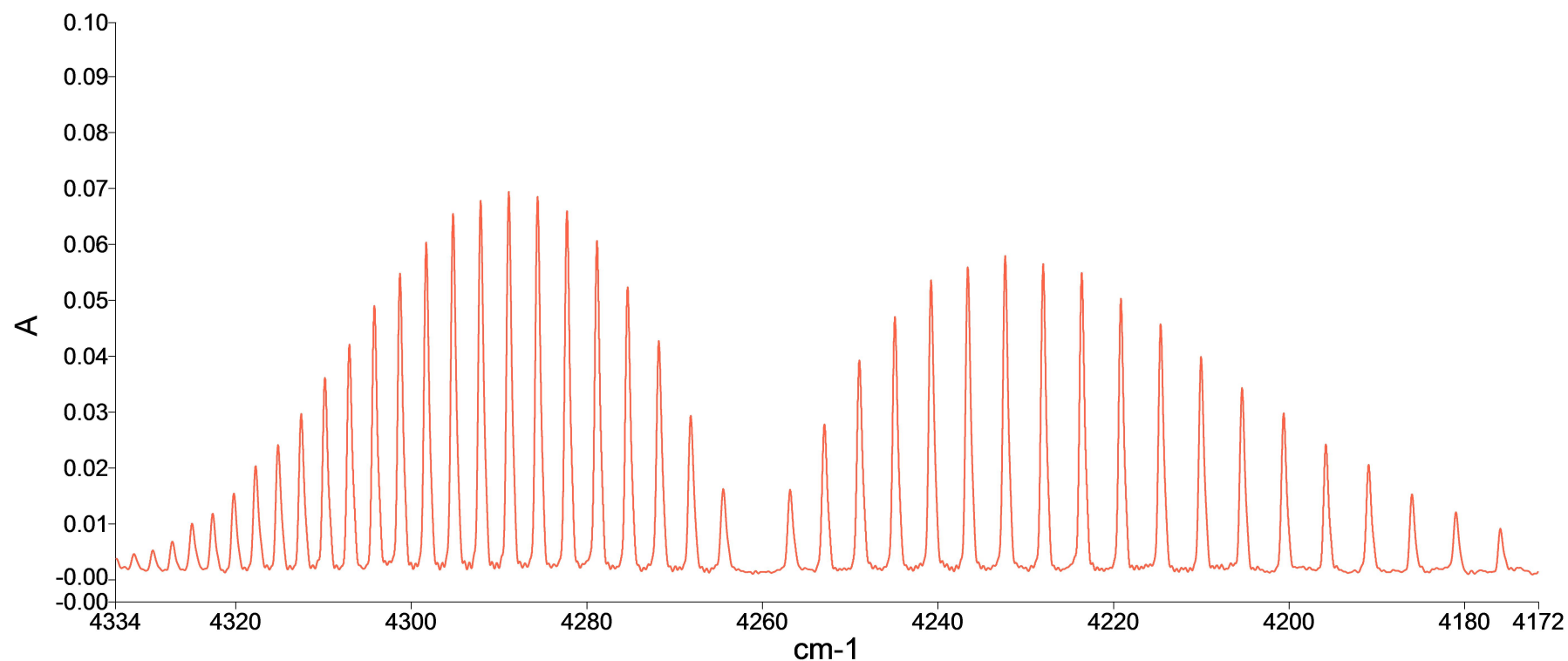
Water Vapor Passed  
 Carbon Dioxide Passed  
 Baseline Low Passed  
 Baseline High Passed  
 Baseline Slope Passed  
 Strong Bands Caution  
 Weak Bands Passed  
 High Noise Passed  
 Fringes Passed  
 Vignetting Passed  
 Blocked Beam Passed  
 Negative Bands Passed  
 Zero Transmission Passed  
 Stray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

### History

| Who  | What                   | When                 | Parameters | Comment                             |
|------|------------------------|----------------------|------------|-------------------------------------|
| user | Created as New Dataset | 5/13/2015 3:27:37 PM |            | Sample 013 By ir<br>Date Wednesday, |

| Who  | What                   | When                 | Parameters                  | Comment     |
|------|------------------------|----------------------|-----------------------------|-------------|
|      |                        |                      |                             | May 13 2015 |
| user | Atmospheric Correction | 5/13/2015 3:27:37 PM |                             |             |
| user | Absorbance             | 5/13/2015 3:27:37 PM | "Channel:1",<br>"Result.sp" |             |

### Spectrum



| Name                                  | Description                                  |
|---------------------------------------|----------------------------------------------|
| <span style="color: red;">—</span> CO | Sample 013 By ir Date Wednesday, May 13 2015 |

### Summary

| Sample Name | Description                                  | Quality                                                                |
|-------------|----------------------------------------------|------------------------------------------------------------------------|
| CO          | Sample 013 By ir Date Wednesday, May 13 2015 | The Quality Checks give rise to a Strong Bands warning for the sample. |