

Report Details

Report Location C:\Users\Didattica\Desktop\chim_fis_2\2016\c2c5\Samples View 1_HCl.pdf
Report Creator user
Report Date Thursday, May 12, 2016 11:46 AM

Sample Details

Sample Name HCl
Sample Description Sample 002 By ir Date Thursday, May 12 2016
Analyst user
Creation Date 5/12/2016 11:42:44 AM
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 16
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 16
Resolution 0.5
Detector MIR TGS
Source MIR
Beamsplitter OptKBr
Apodization Medium
Spectrum Type Spectrum
Beam Type Ratio
Phase correction Background
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 KBr Disc

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 KBr Disc

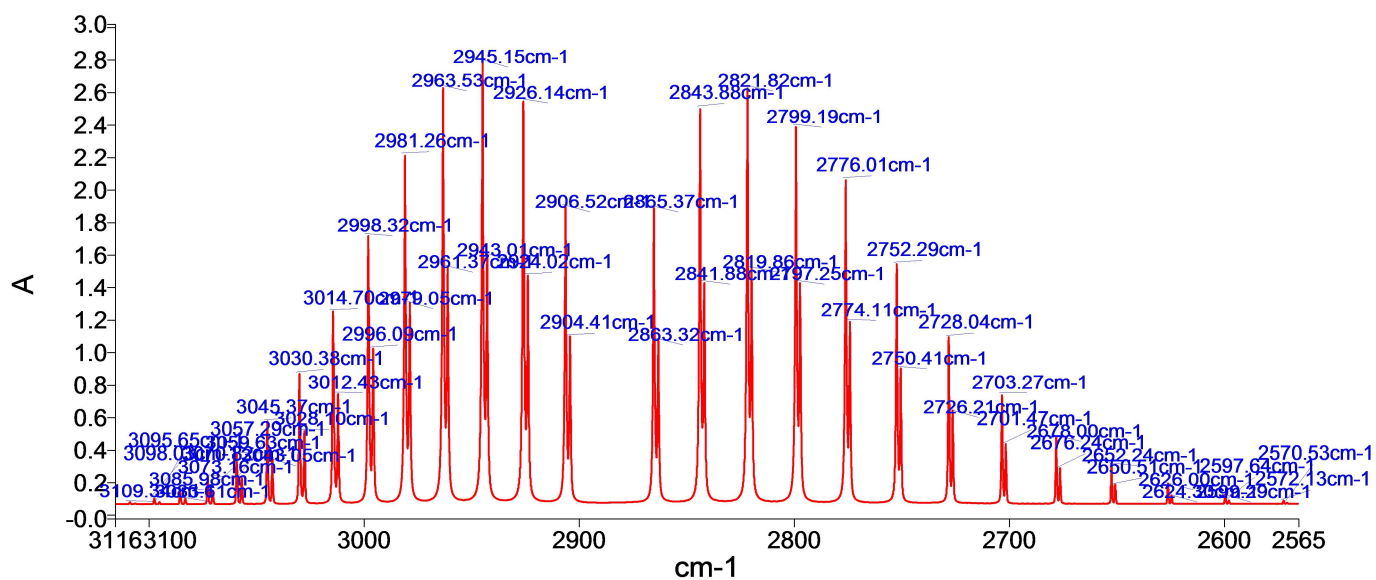
Quality Checks

| | |
|-------------------|---------|
| 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 | Caution |

History

| Who | What | When | Parameters | Comment |
|------|------------------------|-----------------------|-----------------------------|---|
| user | Created as New Dataset | 5/12/2016 11:42:44 AM | | Sample 002 By ir Date Thursday, May 12 2016 |
| user | Atmospheric Correction | 5/12/2016 11:42:44 AM | | |
| user | Absorbance | 5/12/2016 11:42:44 AM | "Channel:1", "Result.sp" | |

Spectrum



| Name | Description |
|------|---|
| HCl | Sample 002 By ir Date Thursday, May 12 2016 |

Summary

| Sample Name | Description | Quality |
|-------------|---|---|
| HCl | Sample 002 By ir Date Thursday, May 12 2016 | The Quality Checks give rise to multiple warnings for the sample. |