

## Report Details

|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| Report Location | C:\Users\Didattica\Desktop\chim_fis_2\2015\c7c9\cella.pdf |
| Report Creator  | user                                                      |
| Report Date     | Thursday, May 21, 2015 10:57 AM                           |

## Sample Details

### cella

|                    |                                             |
|--------------------|---------------------------------------------|
| Sample Name        | cella                                       |
| Sample Description | Sample 063 By ir Date Thursday, May 21 2015 |
| Analyst            | user                                        |
| Creation Date      | 5/21/2015 10:55:30 AM                       |
| X-Axis Units       | cm-1                                        |
| Y-Axis Units       | A                                           |

## Instrument Details

### cella

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| 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)

### cella

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| 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

### cella

|                           |                                   |
|---------------------------|-----------------------------------|
| 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

### cella

|                |         |
|----------------|---------|
| Water Vapor    | Passed  |
| Carbon Dioxide | Passed  |
| Baseline Low   | Passed  |
| Baseline High  | Caution |
| Baseline Slope | Passed  |
| Strong Bands   | Passed  |
| Weak Bands     | Warning |
| High Noise     | Passed  |
| Fringes        | Warning |
| Vignetting     | Passed  |
| Blocked Beam   | Passed  |
| Negative Bands | Passed  |

Zero Transmission Passed  
Stray Light Passed  
Window Cutoff Passed

## History

cella

| Who  | What                   | When                  | Parameters                  | Comment                                        |
|------|------------------------|-----------------------|-----------------------------|------------------------------------------------|
| user | Created as New Dataset | 5/21/2015 10:55:30 AM |                             | Sample 063 By ir<br>Date Thursday, May 21 2015 |
| user | Atmospheric Correction | 5/21/2015 10:55:30 AM |                             |                                                |
| user | Absorbance             | 5/21/2015 10:55:30 AM | "Channel:1",<br>"Result.sp" |                                                |

## Spectrum

