

Report Details

Report Location	C:\Users\Didattica\Desktop\chim_fis_2\2015\A7a8\brbn_25.pdf
Report Creator	user
Report Date	Monday, May 18, 2015 6:28 PM

Sample Details

Sample Name	25
Sample Description	Sample 043 By ir Date Monday, May 18 2015
Analyst	user
Creation Date	5/18/2015 5:51:48 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

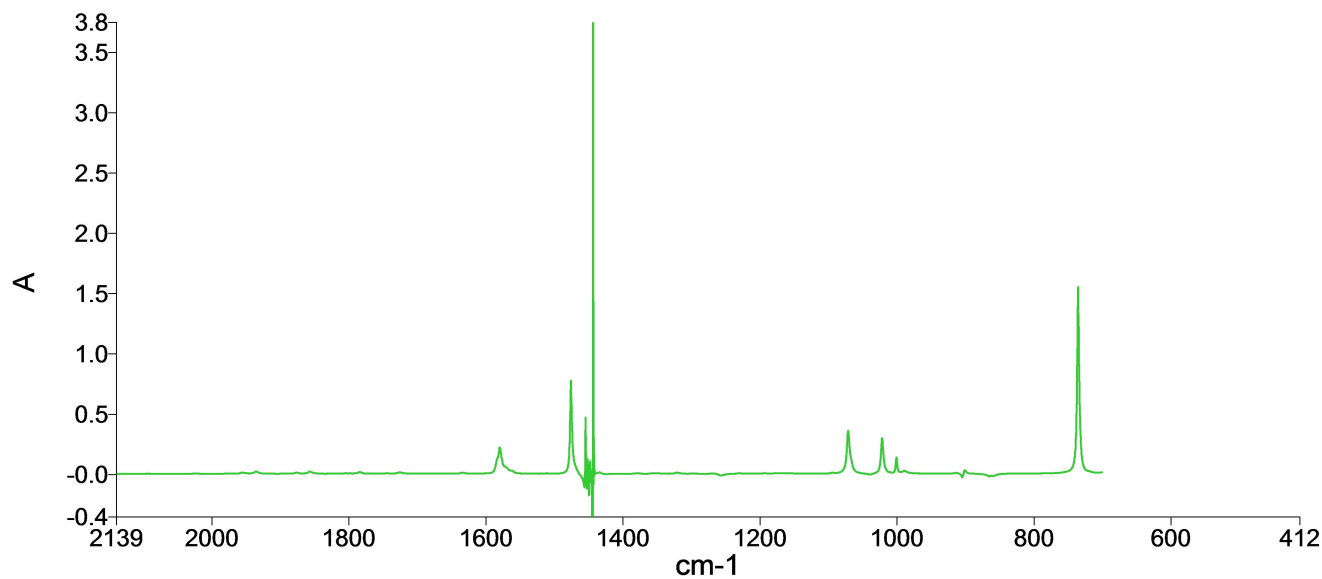
Quality Checks

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

History

Who	What	When	Parameters	Comment
user	Created as New Dataset	5/18/2015 5:51:48 PM		Sample 043 By ir Date Monday, May 18 2015
user	Atmospheric Correction	5/18/2015 5:51:48 PM		
user	Absorbance	5/18/2015 5:51:48 PM	"Channel:1", "Result.sp"	

Spectrum

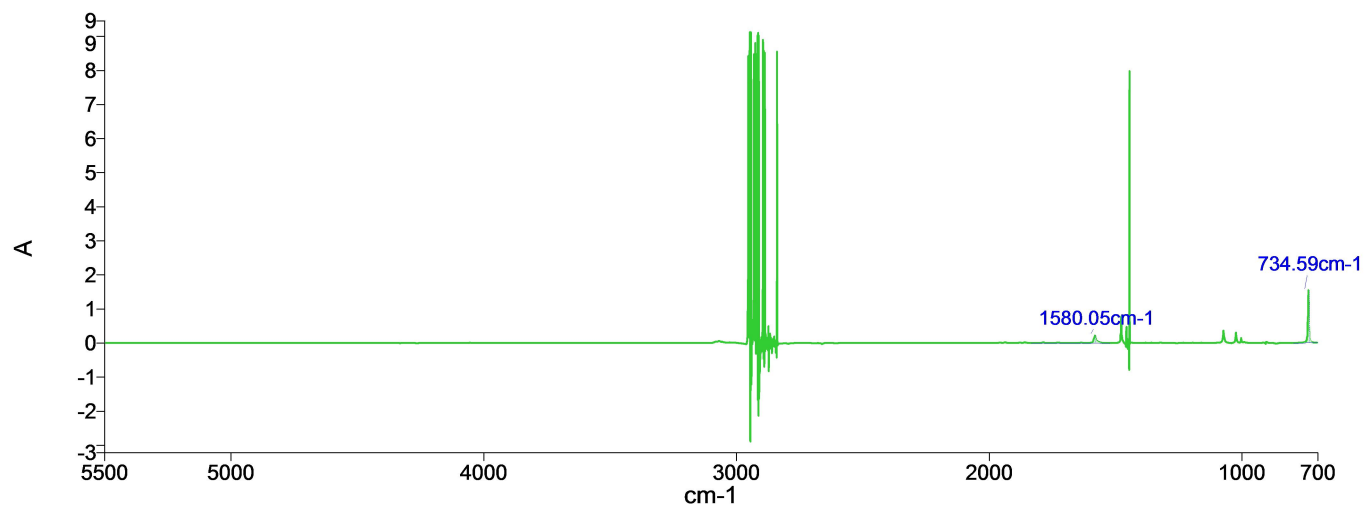


Name	Description
25	Sample 043 By ir Date Monday, May 18 2015

Summary

Sample Name	Description	Quality
25	Sample 043 By ir Date Monday, May 18 2015	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Name Description
25 Sample 043 By ir Date Monday, May 18 2015

Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.59	1.5503	7.33	1.542	798.51	700	797.5	700.12
2	1580.05	0.2192	2.53	0.2189	1618.99	1522.73	1835.27	1522.73