

Report Details

Report Location C:\Users\Didattica\Desktop\chim_fis_2\2016\a7c6\bromobenzene.pdf
Report Creator user
Report Date Thursday, June 16, 2016 12:44 PM

Sample Details

10

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\a7c6\10.sp
Sample Description Sample 029 By ir Date Thursday, June 16 2016
Analyst user
Creation Date 6/16/2016 12:27:34 PM
X-Axis Units cm-1
Y-Axis Units A

15

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\a7c6\15.sp
Sample Description Sample 030 By ir Date Thursday, June 16 2016
Analyst user
Creation Date 6/16/2016 12:30:42 PM
X-Axis Units cm-1
Y-Axis Units A

20

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\a7c6\20.sp
Sample Description Sample 031 By ir Date Thursday, June 16 2016
Analyst user
Creation Date 6/16/2016 12:35:37 PM
X-Axis Units cm-1
Y-Axis Units A

25

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\a7c6\25.sp
Sample Description Sample 032 By ir Date Thursday, June 16 2016
Analyst user
Creation Date 6/16/2016 12:38:19 PM
X-Axis Units cm-1
Y-Axis Units A

30

Sample Name C:\Users\Didattica\Desktop\chim_fis_2\2016\a7c6\30.sp
Sample Description Sample 033 By ir Date Thursday, June 16 2016
Analyst user
Creation Date 6/16/2016 12:41:17 PM
X-Axis Units cm-1
Y-Axis Units A

Instrument Details

10

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

15

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

20

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

25

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

30

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)

10

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

15

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

20

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

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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
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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)
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Temperature / °C	Not Specified
Accessory Type	Slide Holder
Slide Holder Option	Not Specified

Accessory

10

Manufacturer	L1600217
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Part Number	L1600217
Description	Sample base plate assy (non RFID)
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Part Number	L1600217
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Temperature / °C	Not Specified
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Manufacturer	L1600217
Part Number	L1600217
Description	Sample base plate assy (non RFID)
Default Scan Range / cm-1	4000 450
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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

10

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

15

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

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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

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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

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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

10

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/16/2016 12:27:34 PM		Sample 029 By ir Date Thursday, June 16 2016
user	Atmospheric Correction	6/16/2016 12:27:34 PM		
user	Absorbance	6/16/2016 12:27:34 PM	"Channel:1", "Result.sp"	

15

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/16/2016 12:30:42 PM		Sample 030 By ir Date Thursday, June 16 2016
user	Atmospheric Correction	6/16/2016 12:30:42 PM		
user	Absorbance	6/16/2016 12:30:42 PM	"Channel:1", "Result.sp"	

20

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/16/2016 12:35:37 PM		Sample 031 By ir Date Thursday, June 16 2016
user	Atmospheric Correction	6/16/2016 12:35:37 PM		
user	Absorbance	6/16/2016 12:35:37 PM	"Channel:1", "Result.sp"	

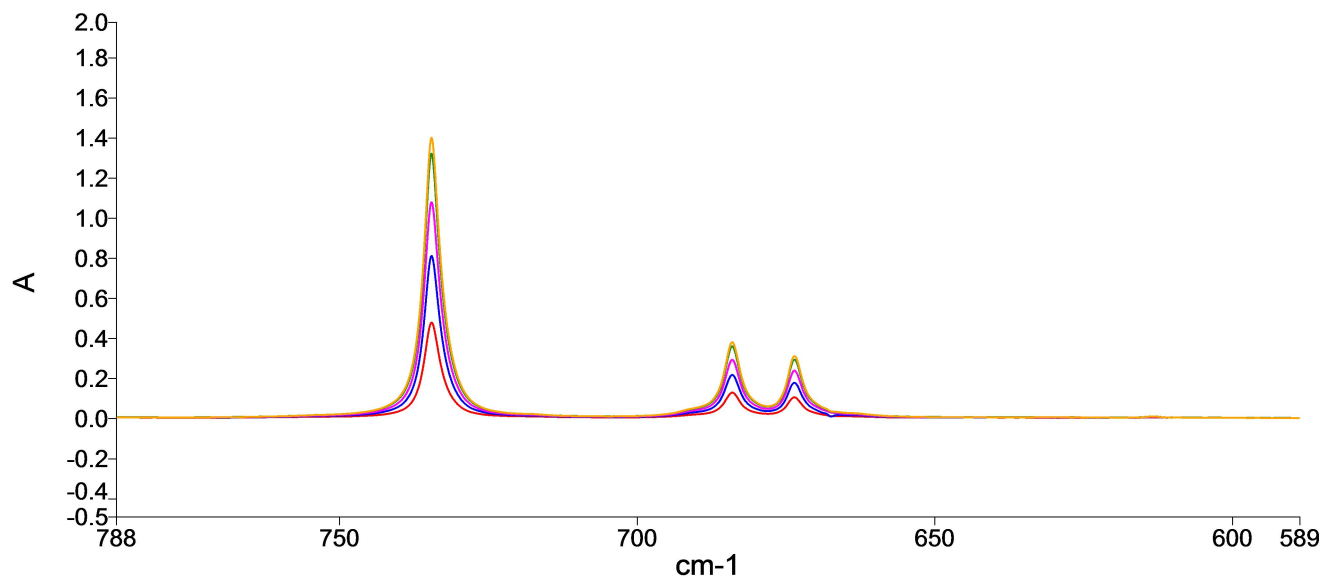
25

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/16/2016 12:38:19 PM		Sample 032 By ir Date Thursday, June 16 2016
user	Atmospheric Correction	6/16/2016 12:38:19 PM		
user	Absorbance	6/16/2016 12:38:19 PM	"Channel:1", "Result.sp"	

30

Who	What	When	Parameters	Comment
user	Created as New Dataset	6/16/2016 12:41:17 PM		Sample 033 By ir Date Thursday, June 16 2016
user	Atmospheric Correction	6/16/2016 12:41:17 PM		
user	Absorbance	6/16/2016 12:41:17 PM	"Channel:1", "Result.sp"	

Spectrum

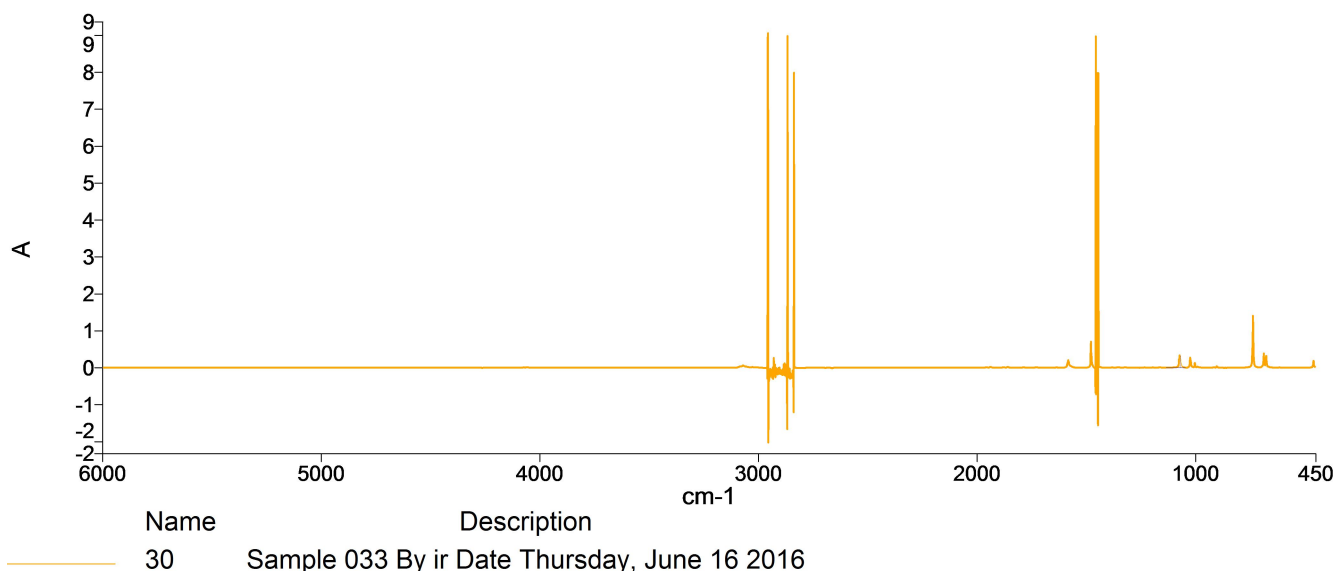


Name	Description
10	Sample 029 By ir Date Thursday, June 16 2016
15	Sample 030 By ir Date Thursday, June 16 2016
20	Sample 031 By ir Date Thursday, June 16 2016
25	Sample 032 By ir Date Thursday, June 16 2016
30	Sample 033 By ir Date Thursday, June 16 2016

Summary

Sample Name	Description	Quality
10	Sample 029 By ir Date Thursday, June 16 2016	The Quality Checks give rise to multiple warnings for the sample.
15	Sample 030 By ir Date Thursday, June 16 2016	The Quality Checks give rise to multiple warnings for the sample.
20	Sample 031 By ir Date Thursday, June 16 2016	The Quality Checks give rise to multiple warnings for the sample.
25	Sample 032 By ir Date Thursday, June 16 2016	The Quality Checks give rise to multiple warnings for the sample.
30	Sample 033 By ir Date Thursday, June 16 2016	The Quality Checks give rise to multiple warnings for the sample.

Peak Table Spectrum



Peak Area/Height Results

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.64	0.4844	2.33	0.4822	785.62	704.53	783.82	704.53

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.64	0.8164	3.93	0.8128	785.62	704.53	783.87	704.28

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.65	1.0864	5.23	1.0816	785.62	704.53	784.74	704.54

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.66	1.3269	6.41	1.3206	785.62	704.53	785.28	704.32

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	734.65	1.4074	6.83	1.4	785.62	704.53	786.44	704.66

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.95	0.1093	0.82	0.1077	1136.79	1047.07	1136.79	1047.07

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.94	0.1858	1.38	0.1838	1136.79	1047.07	1136.79	1046.82

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.93	0.2498	1.86	0.2477	1136.79	1047.07	1136.25	1046.86

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.92	0.3078	2.29	0.3051	1136.79	1047.07	1136.79	1046.97

Peak	X (cm-1)	Y (A)	Area (A)	Height (A)	Start	End	Base1	Base2
1	1070.91	0.3279	2.45	0.3248	1136.79	1047.07	1136.79	1046.82