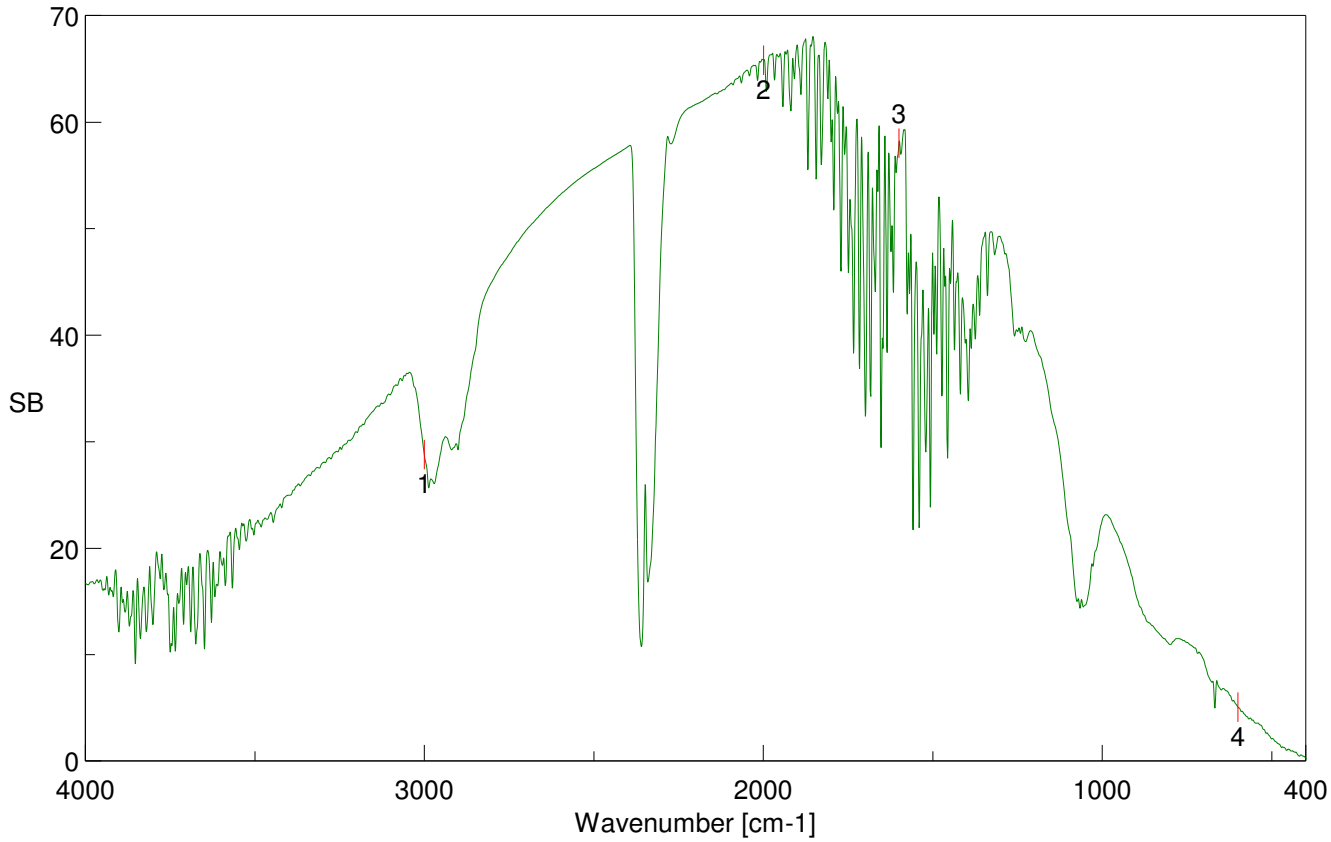
Peak Find - 01 - Nível de energia



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:06
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	SB
Start	399.193 cm-1
End	4000.6 cm-1
Data interval	0.964233 cm-1
Data points	3736

[Measurement Information]

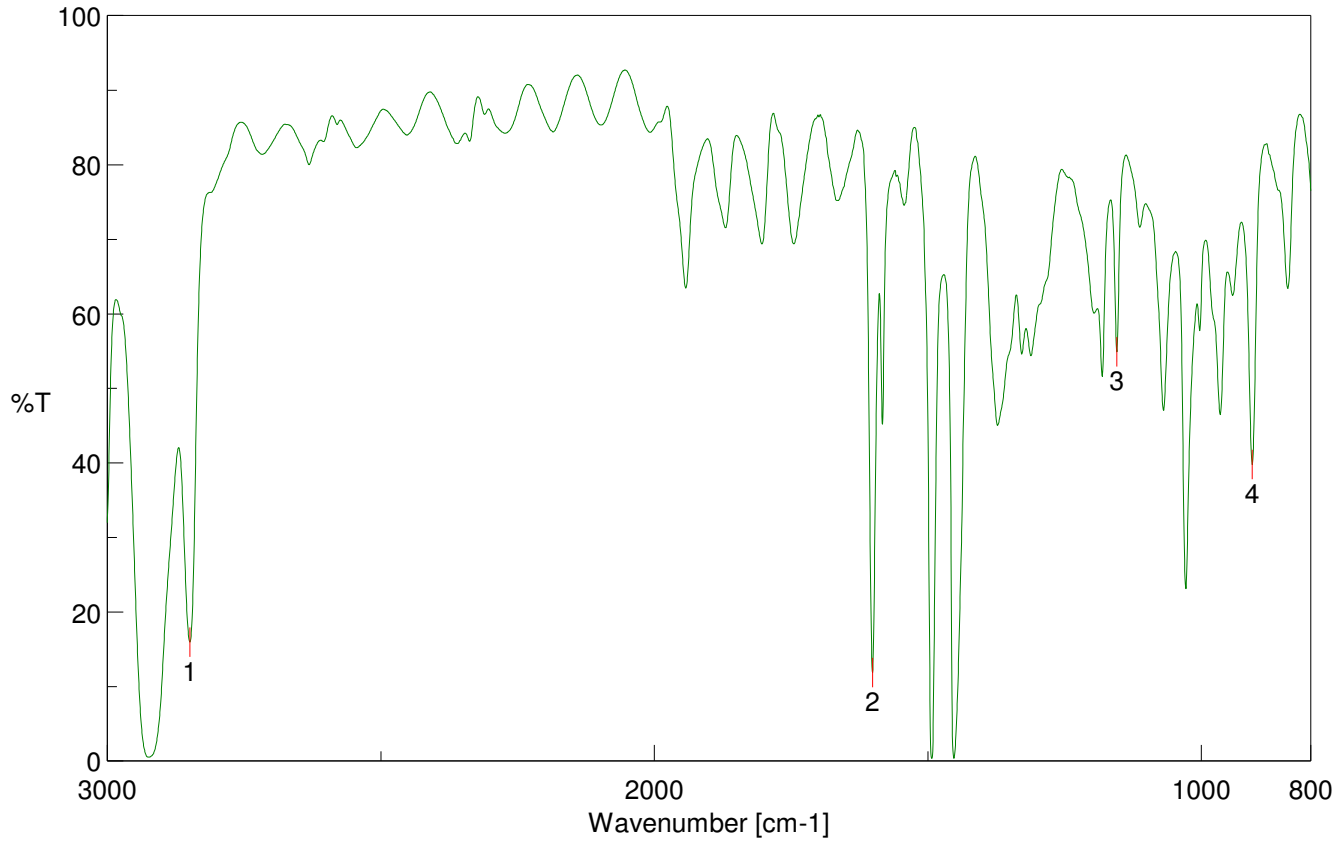
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 09:58
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	4 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (1)
Aperture	Auto (7.1 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2999.73	28.7571	2	1999.82	65.7956	3	1599.66	58.0195
4	599.753	5.04801						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 02 - Exatidão do número de onda



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:13
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.832 cm-1
End	3000.21 cm-1
Data interval	0.482117 cm-1
Data points	4565

[Measurement Information]

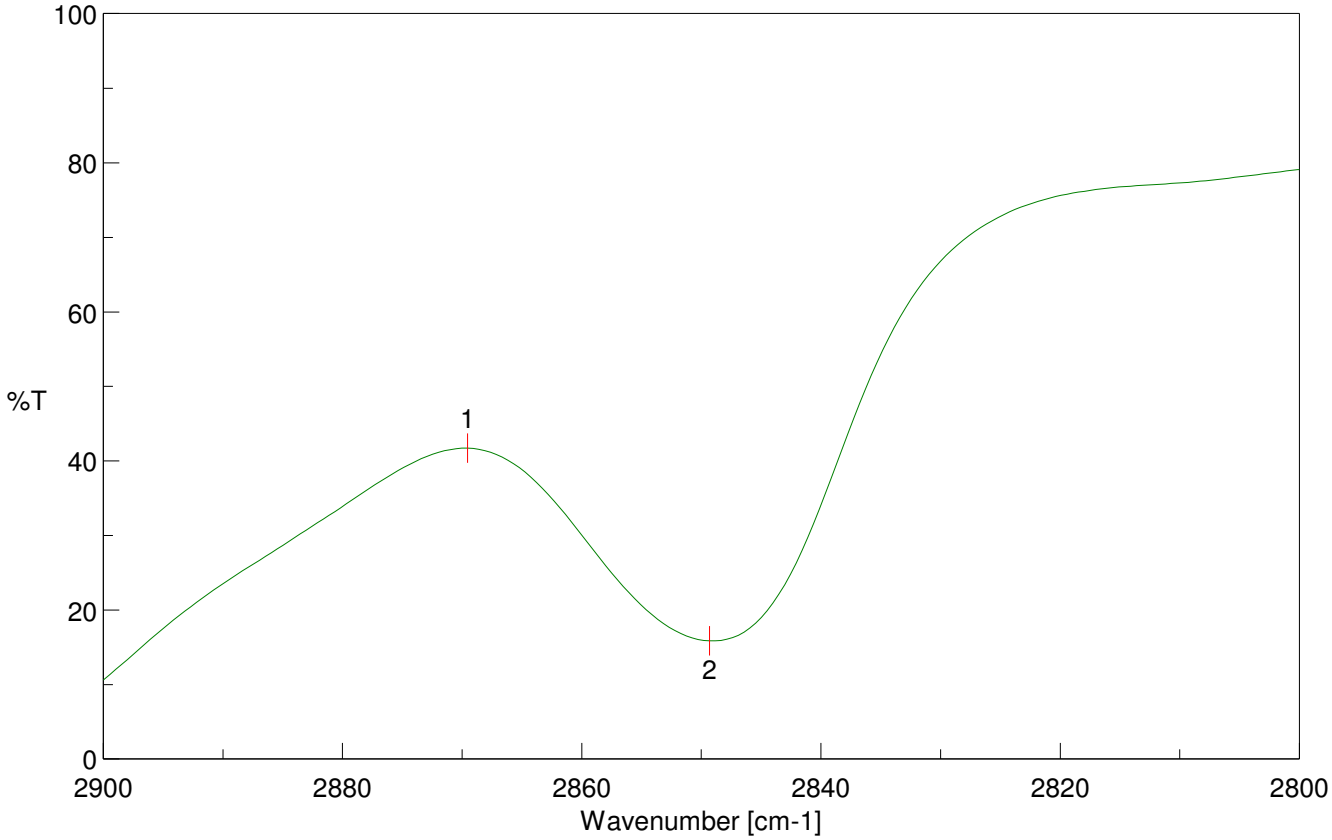
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:10
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (2)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2848.83	15.9485	2	1601.11	11.8682	3	1154.67	54.8843
4	906.862	39.7803						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 03 - Resolução



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:18
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.832 cm-1
End	3000.21 cm-1
Data interval	0.482117 cm-1
Data points	4565

[Measurement Information]

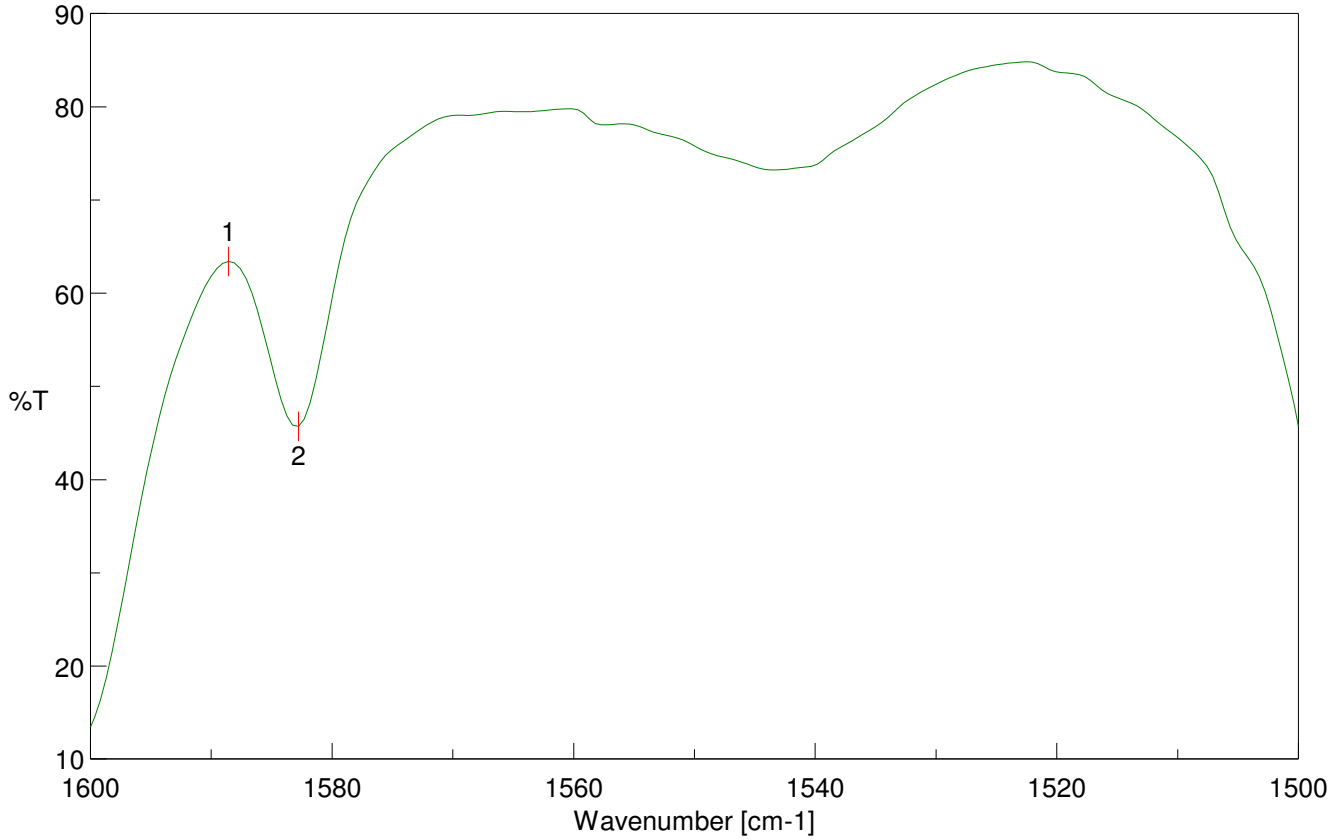
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:16
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (2)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2869.56	41.6792	2	2849.31	15.8249			

Creation QPack Soluções Analíticas Ltda
Review
Approval

Peak Find - 03b - Resolução



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:22
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.832 cm-1
End	3000.21 cm-1
Data interval	0.482117 cm-1
Data points	4565

[Measurement Information]

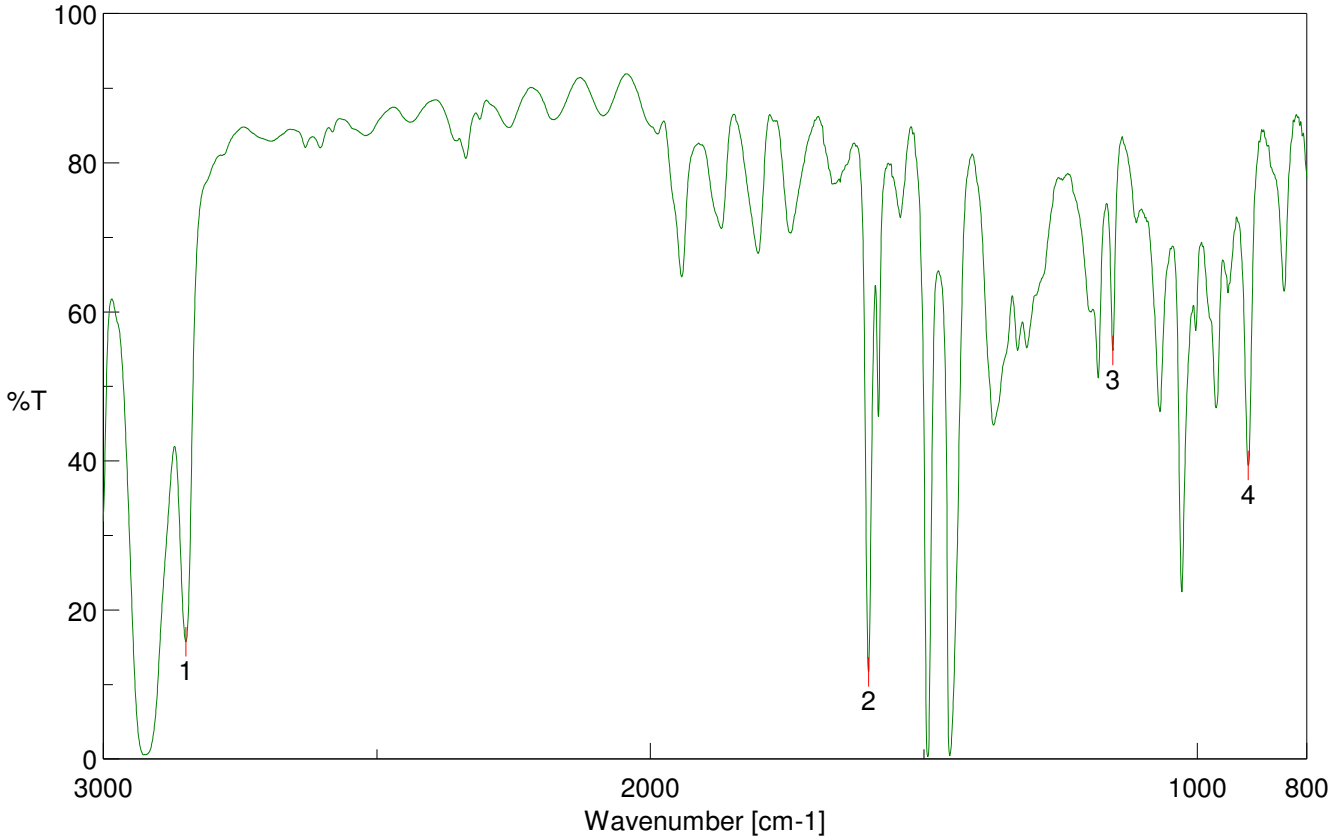
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:16
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (2)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	1588.57	63.3961	2	1582.79	45.6775			

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 04a - Repetibilidade do número de onda



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:26
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.832 cm-1
End	3000.21 cm-1
Data interval	0.482117 cm-1
Data points	4565

[Measurement Information]

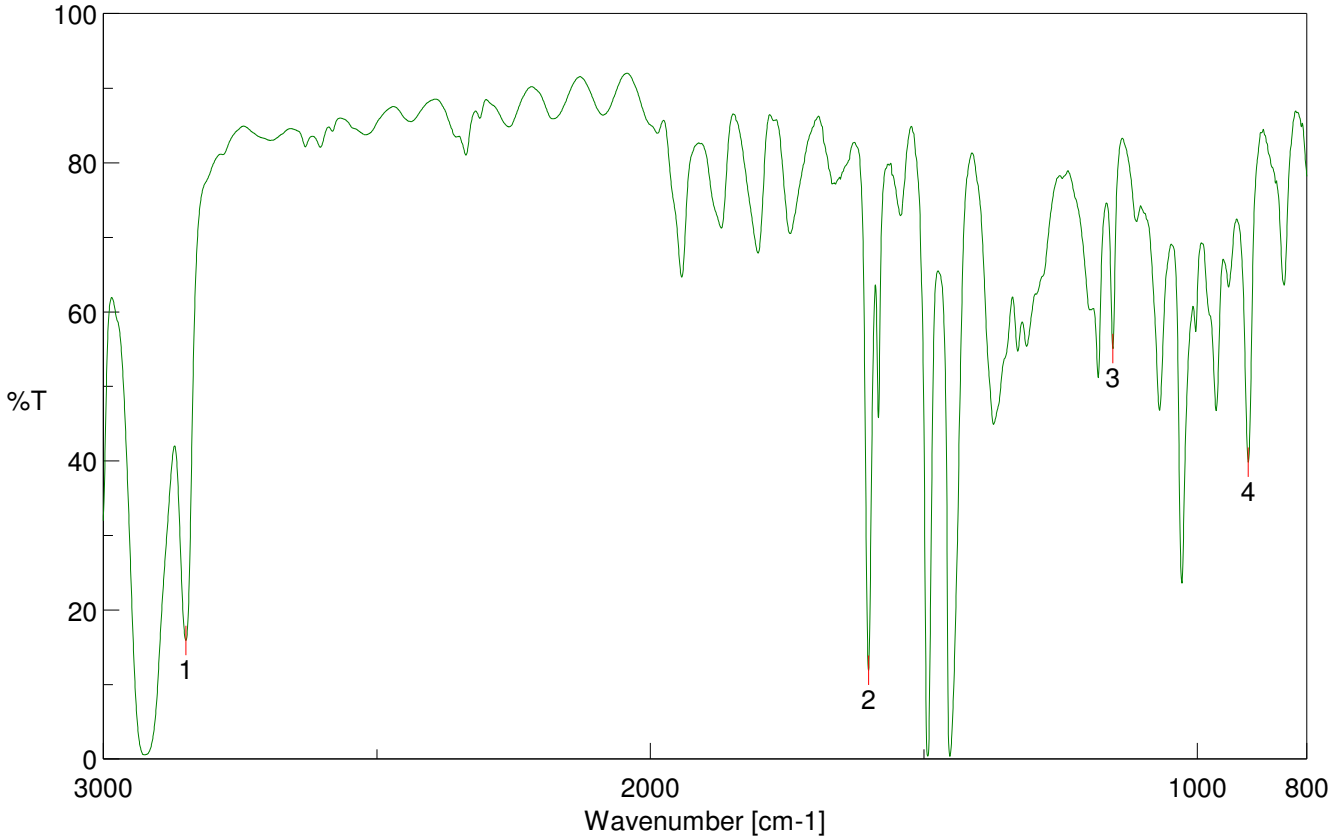
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:25
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (2)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2848.83	15.732	2	1601.11	11.6796	3	1154.67	54.7943
4	906.862	39.353						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 04b - Repetibilidade do número de onda



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:29
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.832 cm-1
End	3000.21 cm-1
Data interval	0.482117 cm-1
Data points	4565

[Measurement Information]

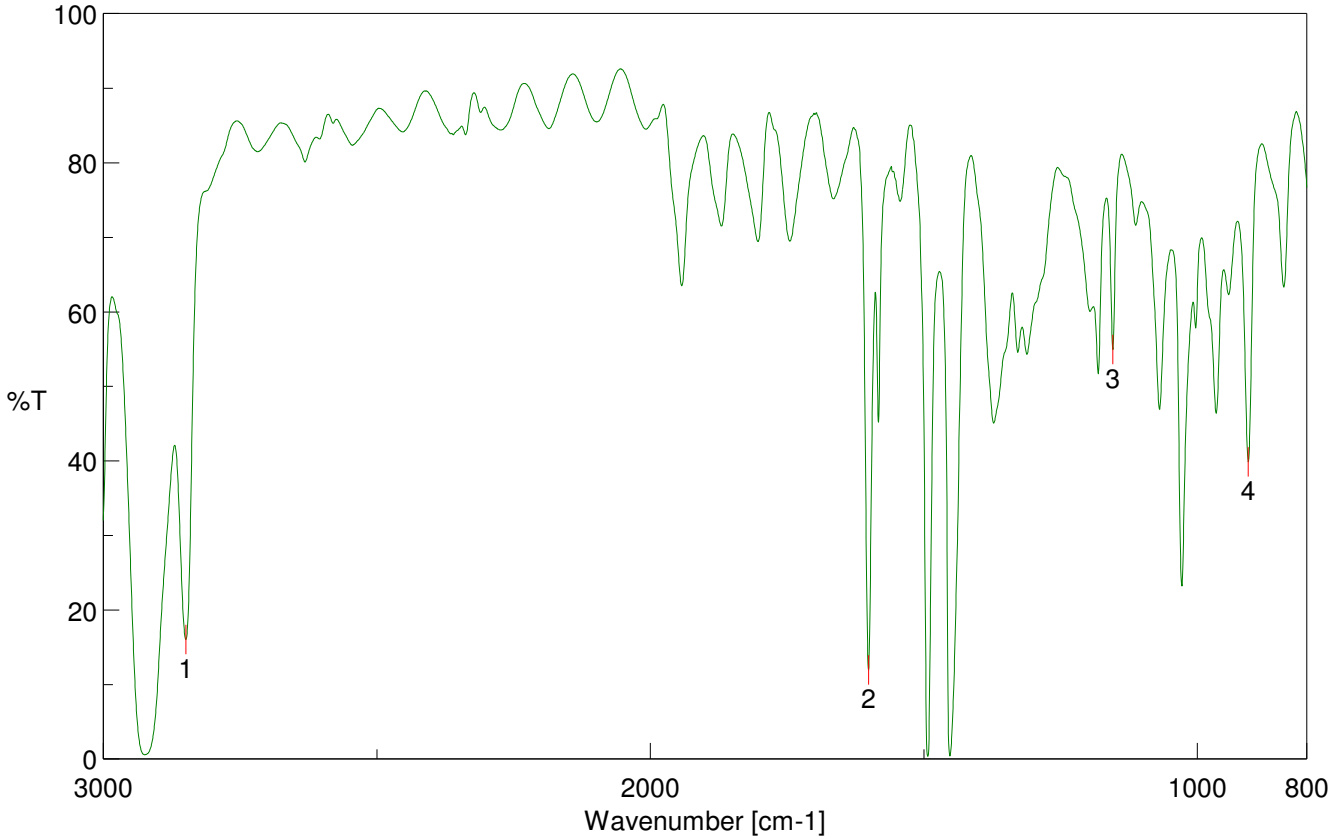
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:27
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (2)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2849.31	15.8918	2	1601.11	11.8772	3	1154.67	55.0584
4	906.862	39.7957						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 05a - Repetibilidade fotométrica



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:35
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.832 cm-1
End	3000.21 cm-1
Data interval	0.482117 cm-1
Data points	4565

[Measurement Information]

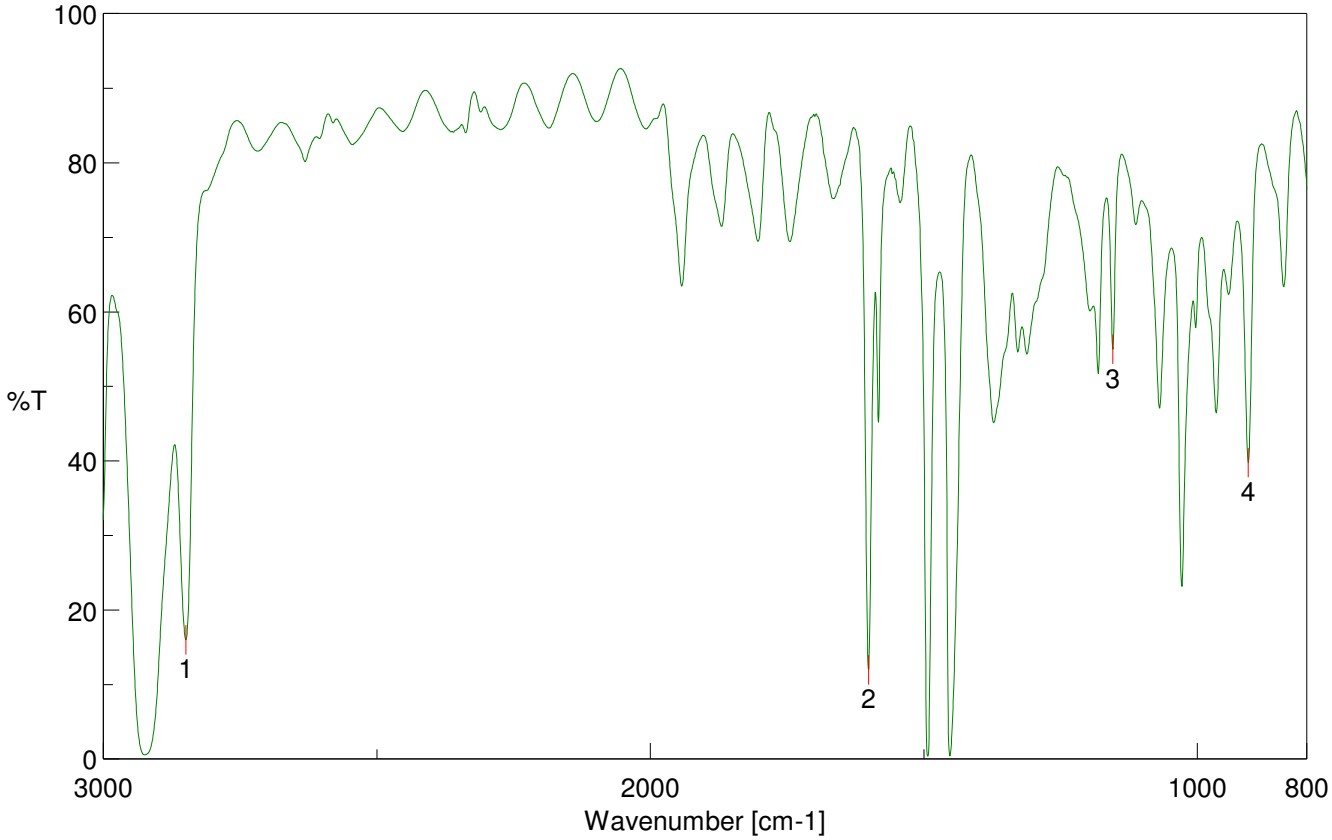
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:34
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (2)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2849.31	16.0082	2	1601.11	11.9352	3	1154.67	54.9363
4	906.862	39.8452						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 05b - Repetibilidade fotométrica



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:40
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.832 cm-1
End	3000.21 cm-1
Data interval	0.482117 cm-1
Data points	4565

[Measurement Information]

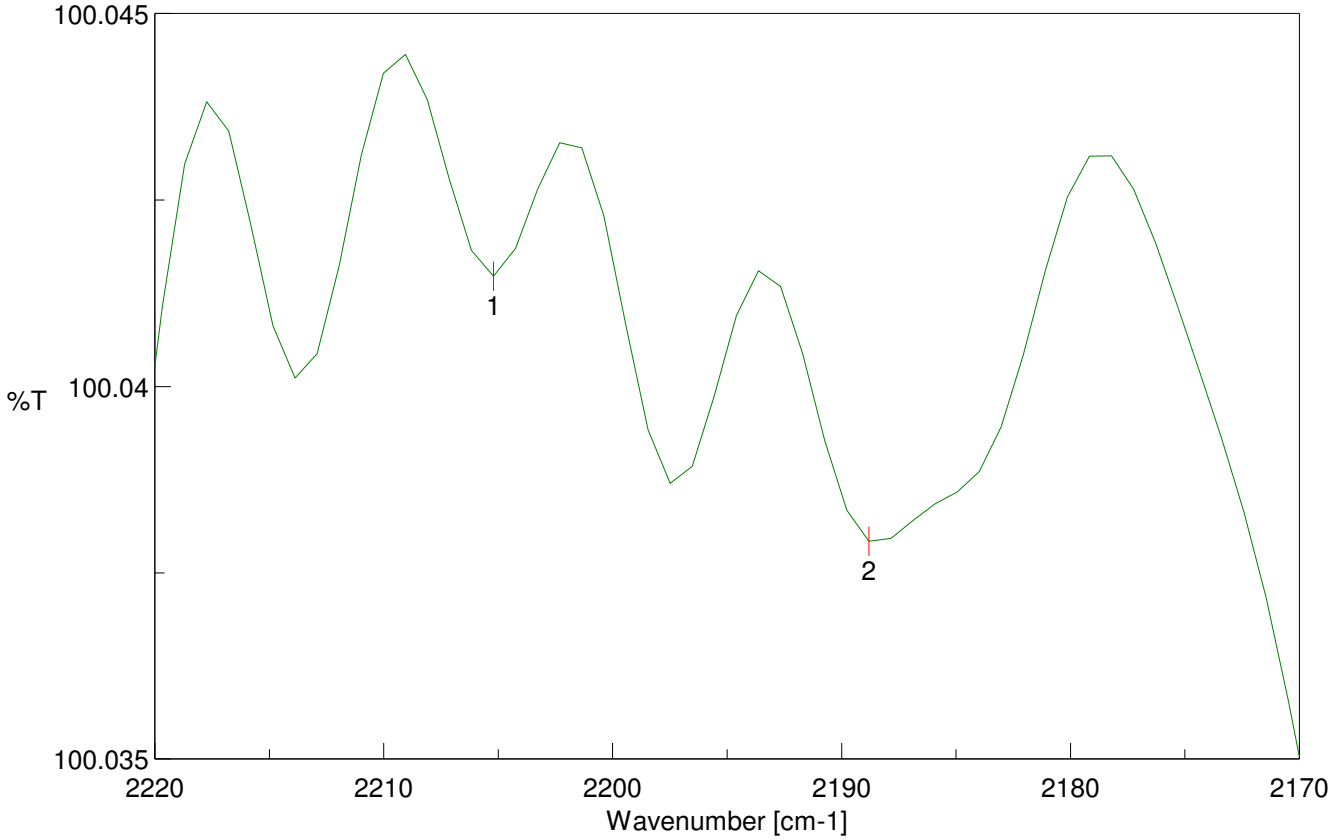
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:37
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (2)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2849.31	15.9899	2	1601.11	11.9539	3	1154.67	54.9491
4	906.862	39.743						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 06 - Sensibilidade



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 10:53
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	799.35 cm-1
End	3000.69 cm-1
Data interval	0.964233 cm-1
Data points	2284

[Measurement Information]

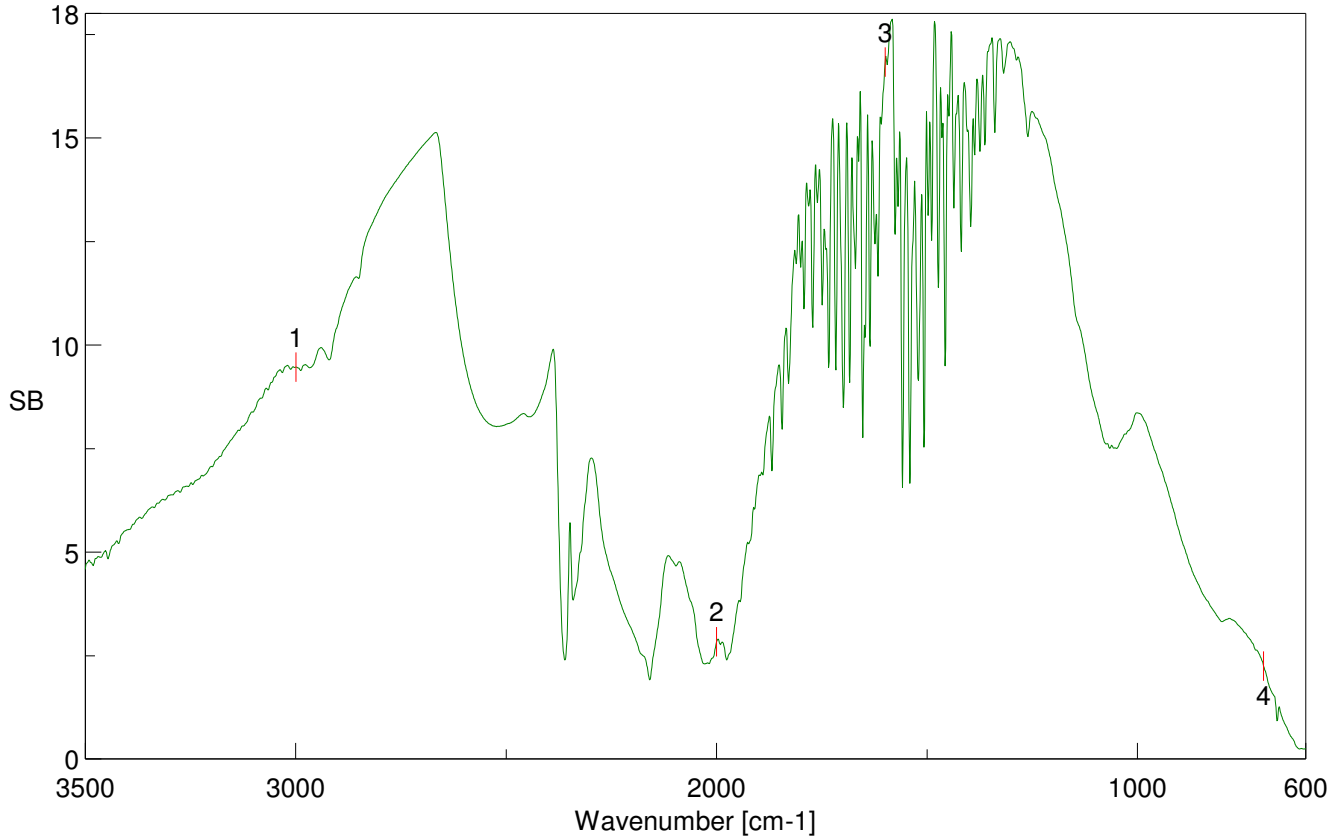
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 10:51
Light Source	Standard
Detector	TGS
Accumulation	48
Resolution	4 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (1)
Aperture	Auto (7.1 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2205.2	100.041	2	2188.81	100.038			

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 07 - ATR - Nível de energia



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 11:44
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	SB
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.964233 cm-1
Data points	3009

[Measurement Information]

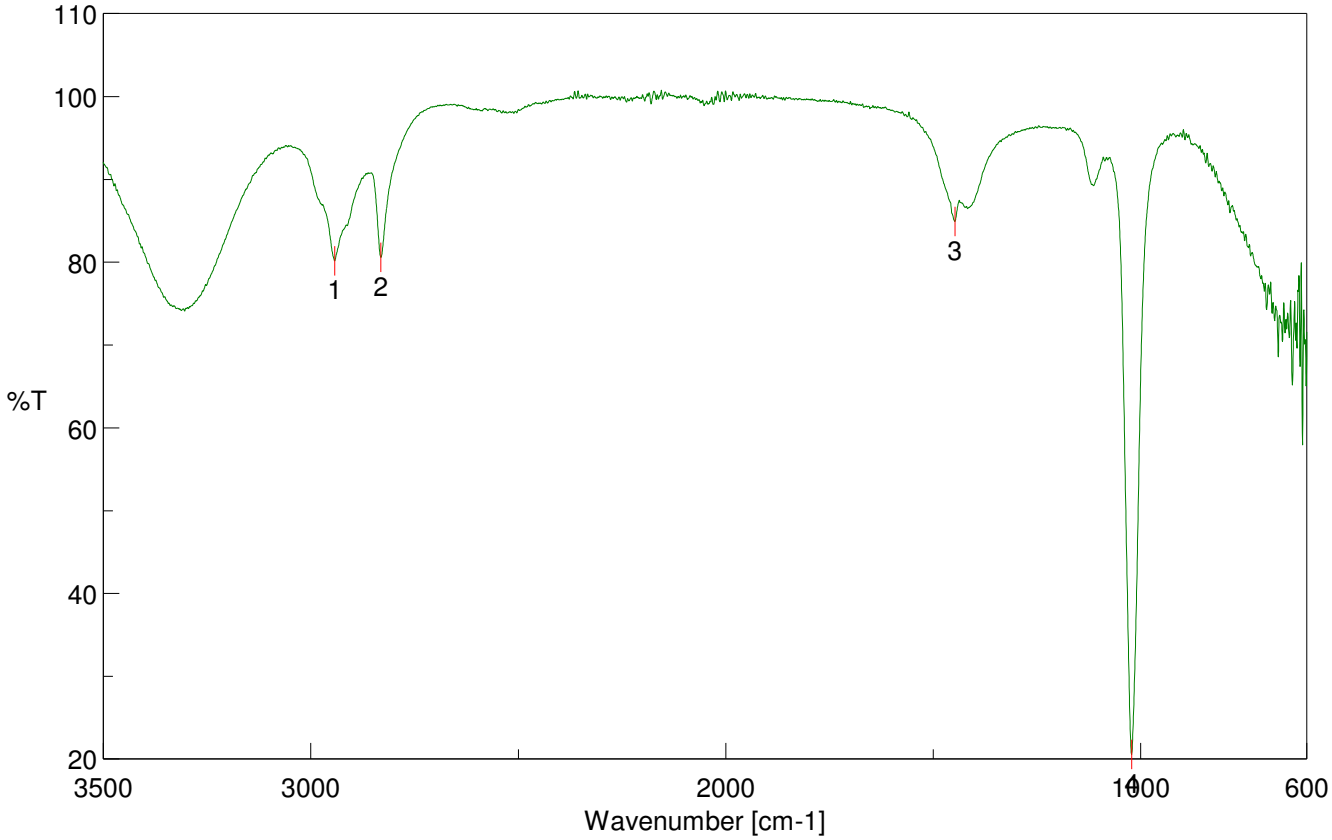
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 11:41
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	4 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (4)
Aperture	Auto (7.1 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2999.73	9.46354	2	1999.82	2.82703	3	1599.66	16.8257
4	700.034	2.24229						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 08 - ATR - Exatidão do número de onda



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 11:52
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.482117 cm-1
Data points	6017

[Measurement Information]

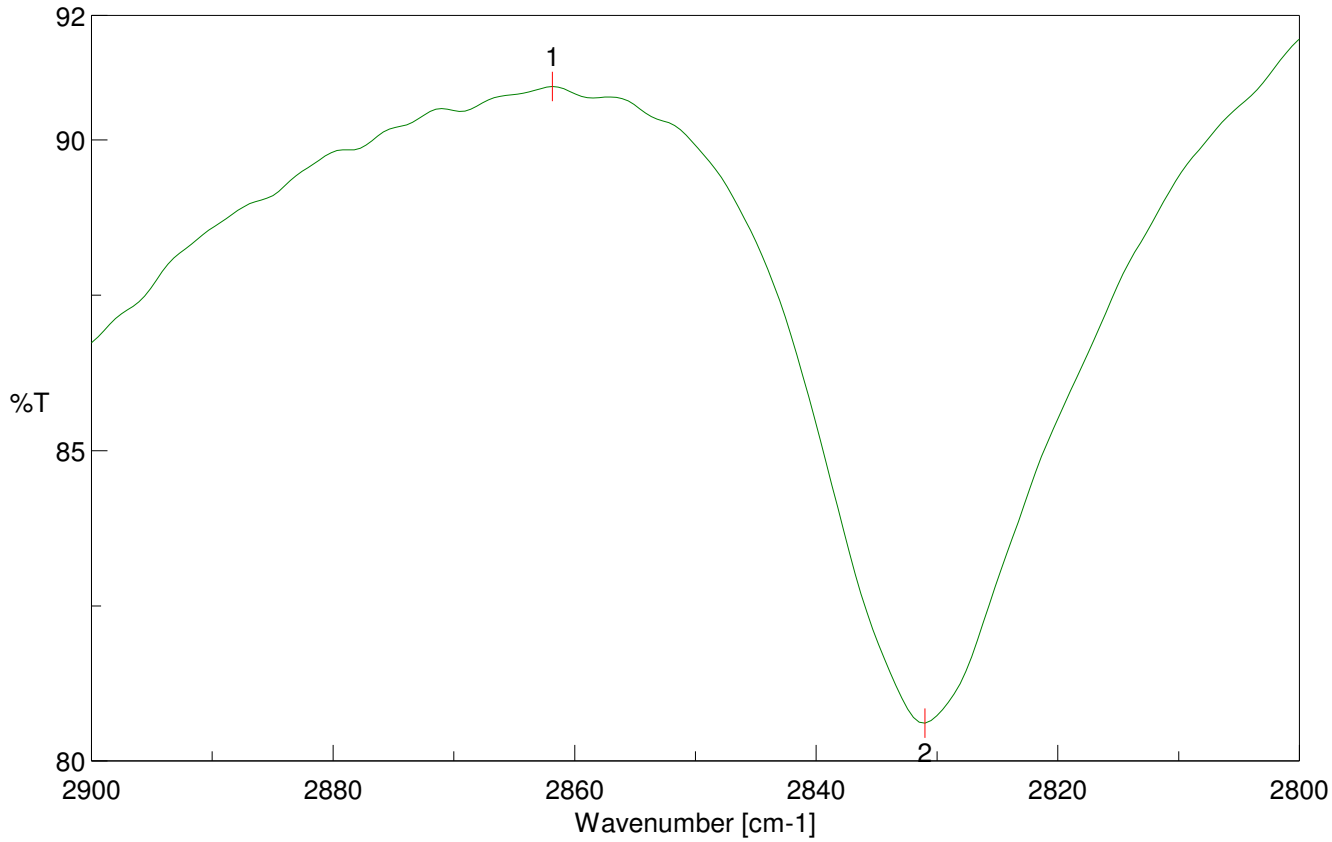
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 11:49
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (8)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2942.36	80.1376	2	2830.99	80.5443	3	1447.8	84.8848
4	1022.09	20.5562						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 09 - ATR - Resolução



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 12:47
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.482117 cm-1
Data points	6017

[Measurement Information]

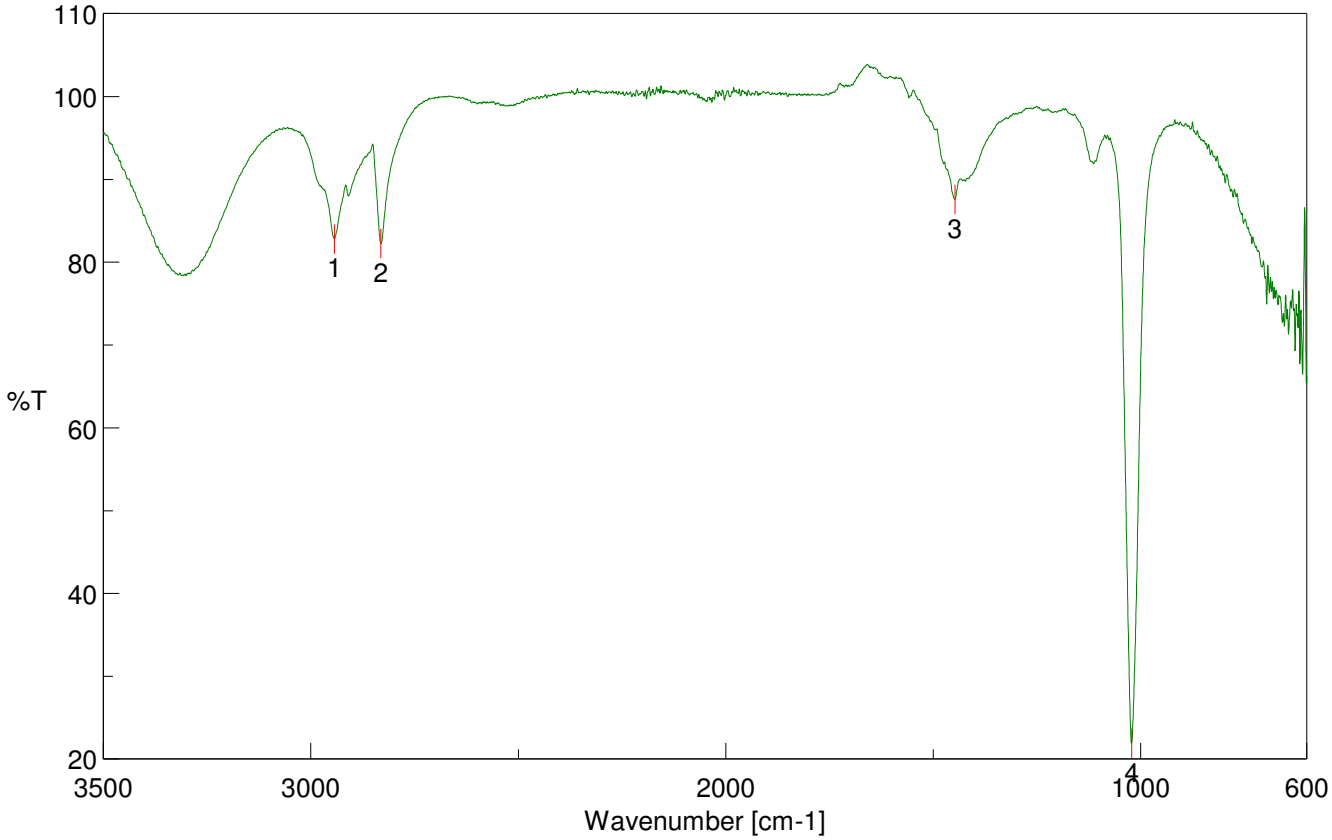
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 12:28
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (8)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2861.84	90.8551	2	2830.99	80.6093			

Creation QPack Soluções Analíticas Ltda
Review
Approval

Peak Find - 10a - ATR - Repetibilidade do número de onda



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 12:53
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.482117 cm-1
Data points	6017

[Measurement Information]

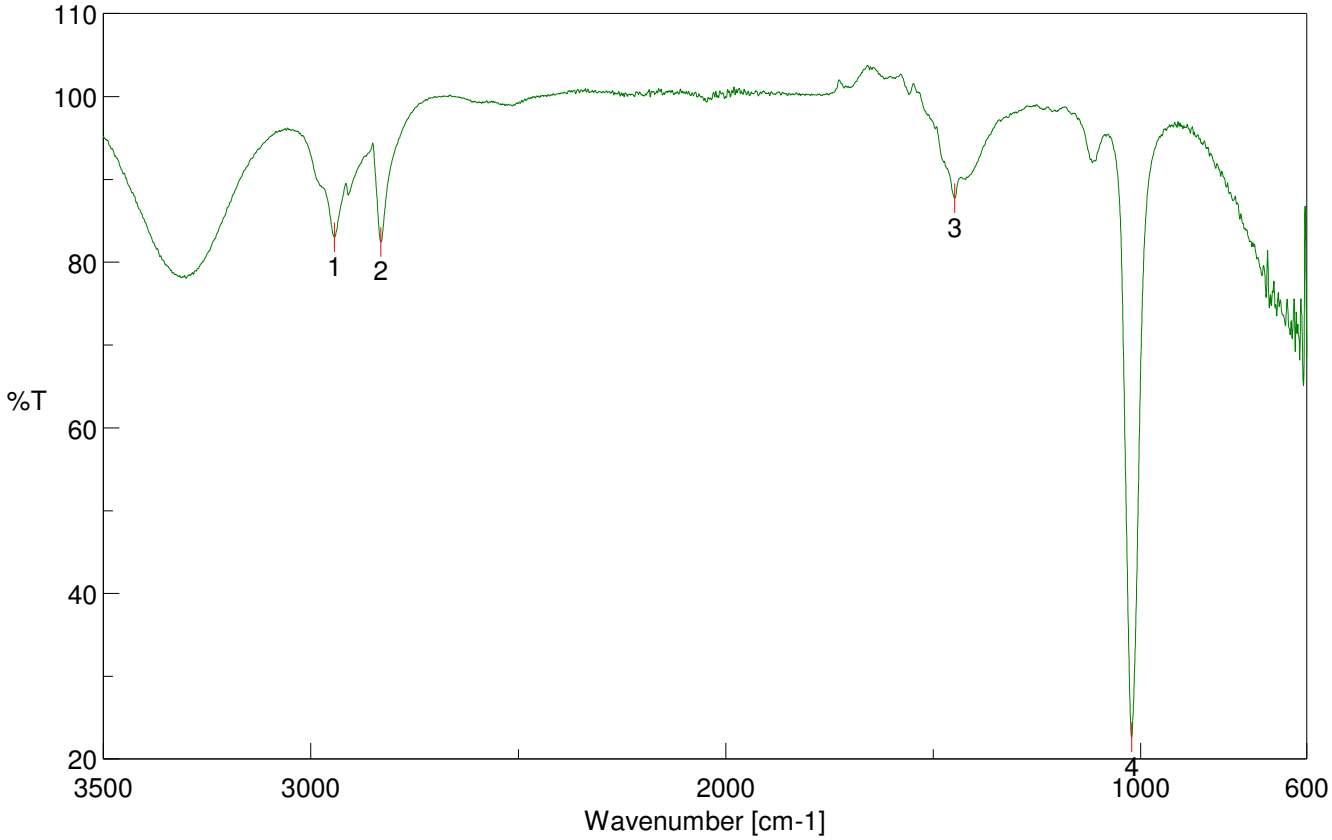
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 12:50
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (8)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2943.32	82.7718	2	2830.99	82.2144	3	1447.8	87.5454
4	1022.09	21.8787						

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 10b - ATR - Repetibilidade do número de onda



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 12:57
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.482117 cm-1
Data points	6017

[Measurement Information]

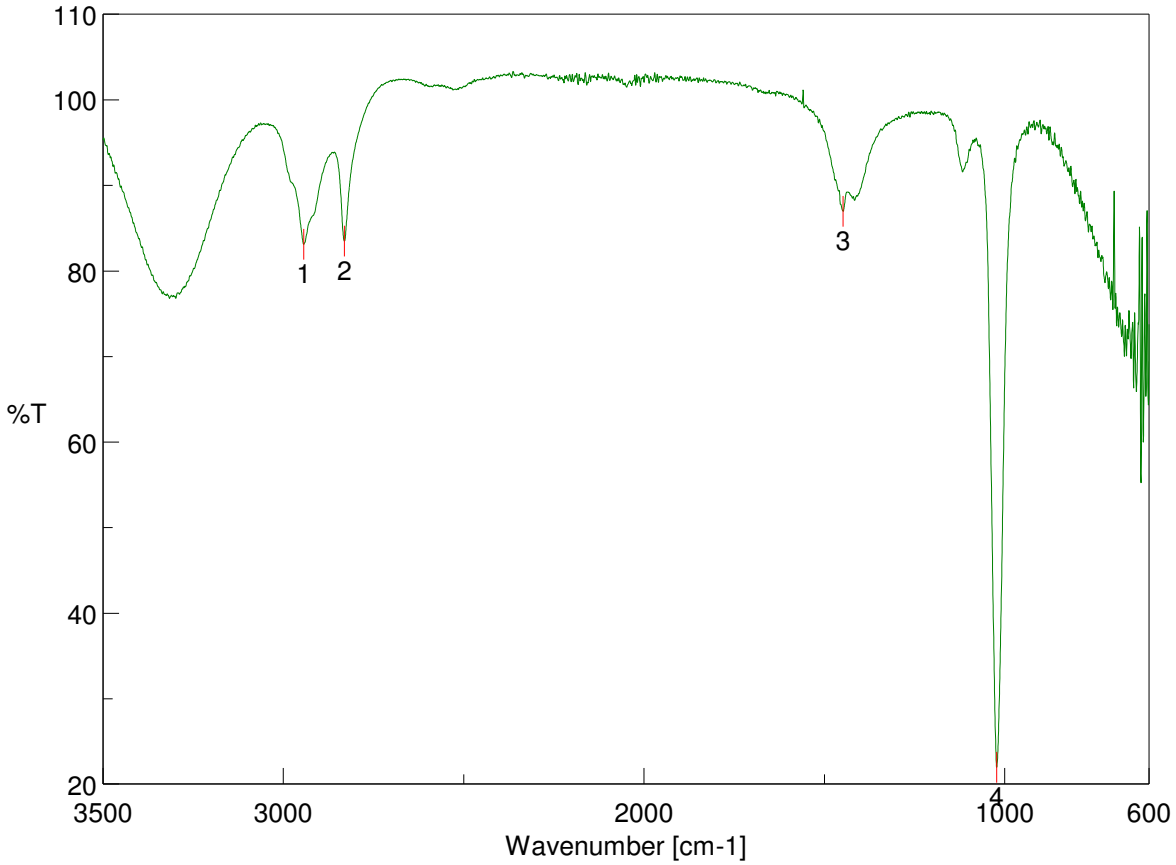
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 12:54
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (8)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity	No.	Position	Intensity
1	2942.84	82.9909	2	2830.99	82.4212	3	1448.28	87.6923
4	1022.09	22.6264						

Creation QPack Soluções Analíticas Ltda
Review
Approval

Peak Find - 11a - ATR- Repetibilidade fotométrica



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 13:14
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.482117 cm-1
Data points	6017

[Measurement Information]

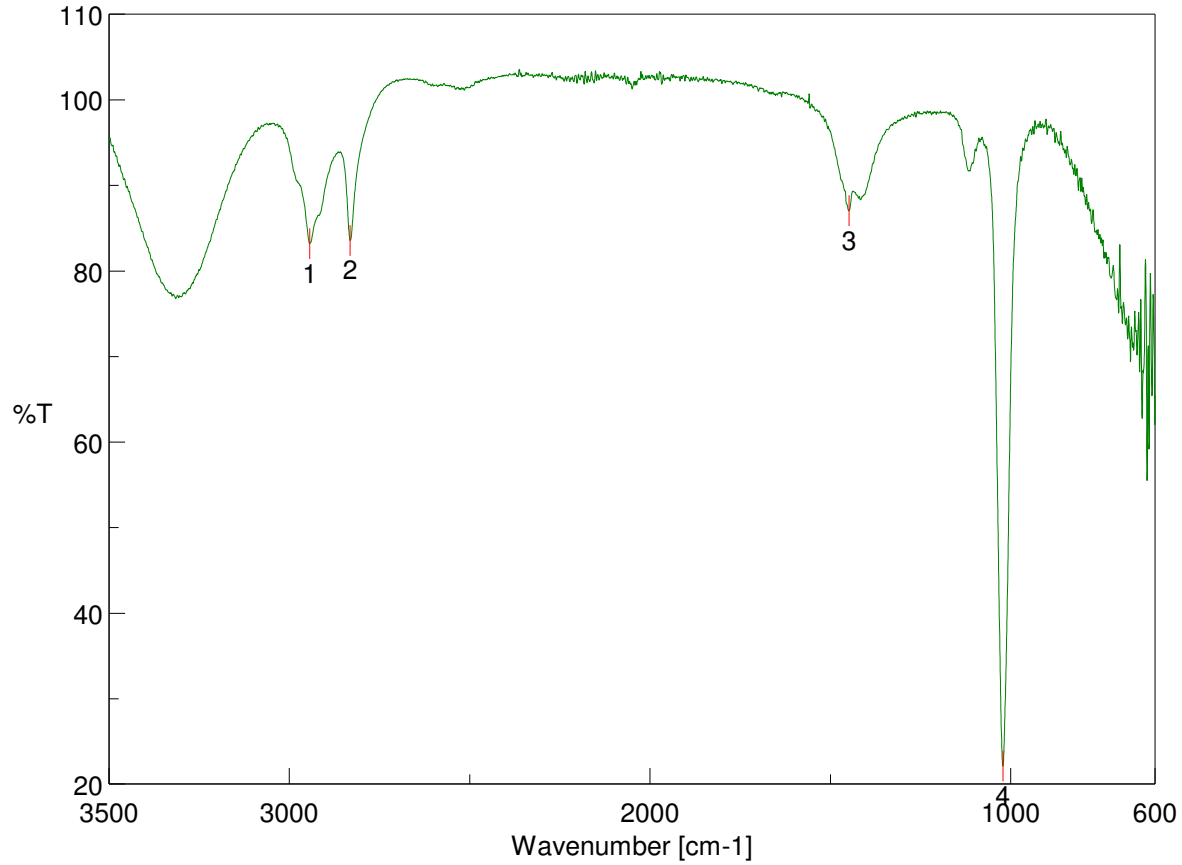
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 13:09
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (8)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity
1	2943.8	83.0881	2	2830.99	83.4735
3	1448.28	86.9538	4	1022.57	21.9285

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 11b - ATR - Repetibilidade fotométrica



[Comments]

Sample name	
Comment	
User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 13:13
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.482117 cm-1
Data points	6017

[Measurement Information]

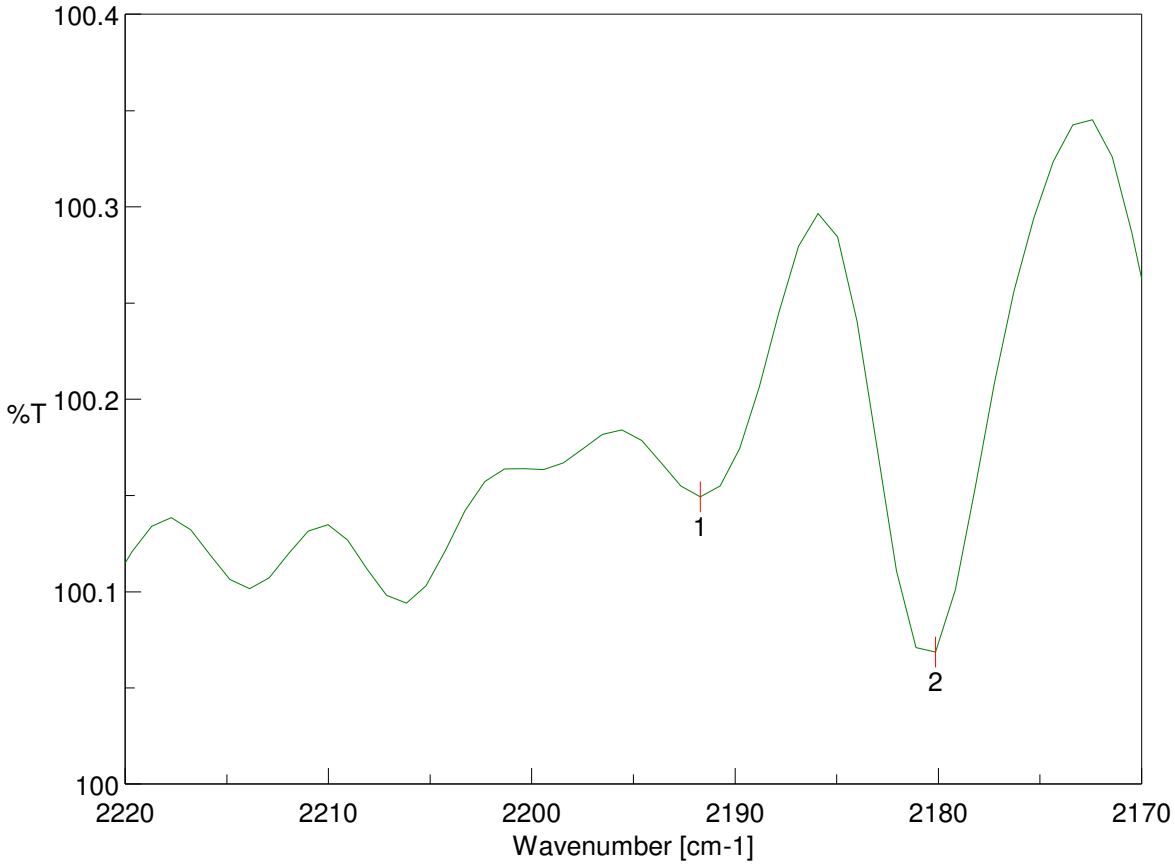
Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 13:10
Light Source	Standard
Detector	TGS
Accumulation	16
Resolution	2 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (8)
Aperture	Auto (5 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity
1	2943.8	83.169	2	2831.47	83.5518
3	1448.28	87.0187	4	1021.61	22.1119

Creation	QPack Soluções Analíticas Ltda
Review	
Approval	

Peak Find - 12 - ATR - Sensibilidade



[Comments]
Sample name
Comment

User	QPackSA
Workgroup	Workgroup Jasco
Division	Suporte Técnico
Company	União Química

[Detailed Information]

Creation date	23/06/2025 13:21
Data array type	Linear data array
Horizontal axis	Wavenumber [cm-1]
Vertical axis	%T
Start	599.753 cm-1
End	3500.17 cm-1
Data interval	0.964233 cm-1
Data points	3009

[Measurement Information]

Model Name	FT/IR-4100typeA
Serial Number	B107261016
Measurement Date	23/06/2025 13:17
Light Source	Standard
Detector	TGS
Accumulation	48
Resolution	4 cm-1
Zero Filling	On
Apodization	Cosine
Gain	Auto (4)
Aperture	Auto (7.1 mm)
Scanning Speed	Auto (2 mm/sec)
Filter	Auto (30000 Hz)

[Result of Peak Picking]

No.	Position	Intensity	No.	Position	Intensity
1	2191.7	100.149	2	2180.13	100.068

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