01 - Energia 8mm

[Data Information]

Creation Date	25/2/2025 16:21

[Measurement Information]

Instrument Name	Polarimetro
Model Name	P-2000
Serial No	A109261232
Polarizer	Dichrom
Faraday Cell	Flint Glass
Accessory	RSC-200
Accessory S/N	B077861260
Path Length	100 mm
Light Source	Na
Monitor wavelength	589 nm
D.I.T	5 sec
No. of cycle	1
Cycle interval	0 sec
Temp. Monitor	Cell
Temp. Corr. Factor	0 at 20 C
Aperture(S)	8.0mm
Aperture(L)	Auto
Mode	Specific O.R
Path Length	100 mm
Concentration	9.95936 w/v%
Water content of sample	8 %
Factor	1

[Comment]

Sample name	D-Glicose
Comment	
User	
Division	
Company	Libbs Farmacêutica Ltda

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		No.	Sample No.	Mode	Calc. Data	Meas. Data	Monitor(deg)	PMT Voltage[V]	Temperature(C)	Blank	Measurement Date	Path Length(mm)
1	*	1	Energia 8mm-1	Specific O.R.	-0.0022	-0.0002	-0.0077	264	21.91	-0.0075	25/2/2025 16:21	100.00
2	*	2	Avg.		-0.0022							
3		3	S.D									
4		4	C.V									

	Concentration(w/v%)	Water content(%)	Factor	Comment	Ext. Temperature(C)
1	9.9594	8	1.0000		
2					
3					
4					

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01 - Energia 3mm

[Data Information]

Creation Date	25/2/2025 16:28

[Measurement Information]

Instrument Name	Polarímetro
Model Name	P-2000
Serial No.	A109261232
Polarizer	Dichrom
Faraday Cell	Flint Glass
Accessory	RSC-200
Accessory S/N	B077861260
Path Length	100 mm
Light Source	Na
Monitor wavelength	589 nm
D.I.T.	5 sec
No. of cycle	1
Cycle interval	0 sec
Temp. Monitor	Cell
Temp. Corr. Factor	0 at 20 C
Aperture(S)	3.0mm
Aperture(L)	Auto
Mode	Specific O.R.
Path Length	100 mm
Concentration	9.95936 w/v%
Water content of sample	8 %
Factor	1

[Comment]

Sample name	D-Glicose
Comment	
User	
Division	
Company	Libbs Farmacêutica Ltda.

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		No.	Sample No.	Mode	Calc. Data	Meas. Data	Monitor(deg)	PMT Voltage[V]	Temperature(C)	Blank	Measurement Date	Path Length(mm)
1	*	1	Energia 3mm-1	Specific O.R.	-0.0153	-0.0014	-0.0149	386	21.81	-0.0135	25/2/2025 16:28	100.00
2	*	2	Avg.		-0.0153							
3		3	S.D									
4		4	C.V									

	Concentration(w/v%)	Water content(%)	Factor	Comment	Ext. Temperature(C)
1	9.9594	8	1.0000		
2					
3					
4					

Digitalizado com CamScanner

02 - Exatidão

[Data Information]
Creation Date 25/2/2025 16:45

[Measurement Information]
Instrument Name Polarimetro
Model Name P-2000
Serial No. A109261232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N B077861260
Path Length 100 mm

Light Source Na
Monitor wavelength 589 nm
D.I.T. 5 sec
No. of cycle 10
Cycle interval 10 sec
Temp. Monitor Cell
Temp. Corr. Factor 0 at 20 C
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Specific O.R.
Path Length 100 mm
Concentration 9.95936 w/v%
Water content of sample 8 %
Factor 1

[Comment]
Sample name
Comment
User
Division
Company Libbs Farmacêutica Ltda.

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		No.	Sample No.	Mode	Calc. Data	Meas. Data	Monitor(deg)	PMT Voltage[V]	Temperature(C)	Blank
1	*	1	02 - Exatidão e precisão das leituras-1	Specific O.R.	+22.3692	+2.0496	+2.0489	407	22.31	-0.0007
2	*	2	02 - Exatidão e precisão das leituras-2	Specific O.R.	+22.3593	+2.0487	+2.0480	401	22.31	-0.0007
3	*	3	02 - Exatidão e precisão das leituras-3	Specific O.R.	+22.3550	+2.0483	+2.0476	403	22.32	-0.0007
4	*	4	02 - Exatidão e precisão das leituras-4	Specific O.R.	+22.3724	+2.0499	+2.0492	403	22.32	-0.0007
5	*	5	02 - Exatidão e precisão das leituras-5	Specific O.R.	+22.3670	+2.0494	+2.0487	406	22.33	-0.0007
6	*	6	02 - Exatidão e precisão das leituras-6	Specific O.R.	+22.3659	+2.0493	+2.0486	406	22.34	-0.0007
7	*	7	02 - Exatidão e precisão das leituras-7	Specific O.R.	+22.3539	+2.0482	+2.0475	401	22.35	-0.0007
8	*	8	02 - Exatidão e precisão das leituras-8	Specific O.R.	+22.3604	+2.0488	+2.0481	407	22.35	-0.0007
9	*	9	02 - Exatidão e precisão das leituras-9	Specific O.R.	+22.3757	+2.0502	+2.0495	402	22.36	-0.0007
10	*	10	02 - Exatidão e precisão das leituras-10	Specific O.R.	+22.3626	+2.0490	+2.0483	409	22.37	-0.0007
11	*	11	Avg.		+22.3641					
12		12	S.D		0.0072					

	Measurement Date	Path Length(mm)	Concentration(w/v%)	Water content(%)	Factor	Comment	Ext. Temperature(C)
1	25/2/2025 16:44	100.00	9.9594	8	1.0000		
2	25/2/2025 16:44	100.00	9.9594	8	1.0000		
3	25/2/2025 16:44	100.00	9.9594	8	1.0000		
4	25/2/2025 16:44	100.00	9.9594	8	1.0000		
5	25/2/2025 16:44	100.00	9.9594	8	1.0000		
6	25/2/2025 16:44	100.00	9.9594	8	1.0000		
7	25/2/2025 16:45	100.00	9.9594	8	1.0000		
8	25/2/2025 16:45	100.00	9.9594	8	1.0000		
9	25/2/2025 16:45	100.00	9.9594	8	1.0000		
10	25/2/2025 16:45	100.00	9.9594	8	1.0000		
11							
12							

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03 - Zero

[Data Information]
Creation Date 25/2/2025 17:04

[Measurement Information]
Instrument Name Polarímetro
Model Name P-2000
Serial No. A109261232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N B077861260
Path Length 100 mm

Light Source Na
Monitor wavelength 589 nm
D.I.T. 5 sec
No. of cycle 1
Cycle interval 10 sec
Temp. Monitor Cell
Temp. Corr. Factor 0 at 20 C
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Specific O.R.
Path Length 100 mm
Concentration 9.95936 w/v%
Water content of sample 8 %
Factor 1

[Comment]
Sample name
Comment
User
Division
Company Libbs Farmacêutica Ltda.

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		No.	Sample No.	Mode	Calc. Data	Meas. Data	Monitor(deg)	PMT Voltage[V]	Temperature(C)	Blank	Measurement Date
1	*	1	01 - Repetibilidade do zero-1	Specific O.R.	-0.0196	-0.0018	-0.0027	395	22.46	-0.0009	25/2/2025 16:55
2	*	2	Avg.		-0.0196						
3		3	S.D								
4		4	C.V								
5	*	5	02 - Repetibilidade do zero-1	Specific O.R.	0.0000	0.0000	-0.0009	394	22.47	-0.0009	25/2/2025 16:57
6	*	6	Avg.		0.0000						
7		7	S.D								
8		8	C.V								
9	*	9	03 - Repetibilidade do zero-1	Specific O.R.	-0.0065	-0.0006	-0.0015	394	22.49	-0.0009	25/2/2025 16:58
10	*	10	Avg.		-0.0065						
11		11	S.D								
12		12	C.V								

	Path Length(mm)	Concentration(w/v%)	Water content(%)	Factor	Comment	Ext. Temperature(C)
1	100.00	9.9594	8	1.0000		
2						
3						
4						
5	100.00	9.9594	8	1.0000		
6						
7						
8						
9	100.00	9.9594	8	1.0000		
10						
11						
12						

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		No.	Sample No.	Mode	Calc. Data	Meas. Data	Monitor(deg)	PMT Voltage[V]	Temperature(C)	Blank	Measurement Date
13	*	13	04 - Repetibilidade do zero-1	Specific O.R.	+0.0022	+0.0002	-0.0007	396	22.49	-0.0009	25/2/2025 16:59
14	*	14	Avg.		+0.0022						
15		15	S.D								
16		16	C.V								
17	*	17	05 - Repetibilidade do zero-1	Specific O.R.	-0.0011	-0.0001	-0.0010	397	22.50	-0.0009	25/2/2025 17:00
18	*	18	Avg.		-0.0011						
19		19	S.D								
20		20	C.V								
21	*	21	06 - Repetibilidade do zero-1	Specific O.R.	+0.0098	+0.0009	0.0000	394	22.49	-0.0009	25/2/2025 17:00
22	*	22	Avg.		+0.0098						
23		23	S.D								
24		24	C.V								

	Path Length(mm)	Concentration(w/v%)	Water content(%)	Factor	Comment	Ext. Temperature(C)
13	100.00	9.9594	8	1.0000		
14						
15						
16						
17	100.00	9.9594	8	1.0000		
18						
19						
20						
21	100.00	9.9594	8	1.0000		
22						
23						
24						

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		No.	Sample No.	Mode	Calc. Data	Meas. Data	Monitor(deg)	PMT Voltage[V]	Temperature(C)	Blank	Measurement Date
25	*	25	07 - Repetibilidade do zero-1	Specific O.R.	0.0000	0.0000	-0.0009	397	22.49	-0.0009	25/2/2025 17:01
26	*	26	Avg.		0.0000						
27		27	S.D								
28		28	C.V								
29	*	29	08 - Repetibilidade do zero-1	Specific O.R.	+0.0164	+0.0015	+0.0006	394	22.48	-0.0009	25/2/2025 17:02
30	*	30	Avg.		+0.0164						
31		31	S.D								
32		32	C.V								
33	*	33	09 - Repetibilidade do zero-1	Specific O.R.	+0.0098	+0.0009	0.0000	394	22.47	-0.0009	25/2/2025 17:03
34	*	34	Avg.		+0.0098						
35		35	S.D								
36		36	C.V								

	Path Length(mm)	Concentration(w/v%)	Water content(%)	Factor	Comment	Ext. Temperature(C)
25	100.00	9.9594	8	1.0000		
26						
27						
28						
29	100.00	9.9594	8	1.0000		
30						
31						
32						
33	100.00	9.9594	8	1.0000		
34						
35						
36						

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		No.	Sample No.	Mode	Calc. Data	Meas. Data	Monitor(deg)	PMT Voltage[V]	Temperature(C)	Blank	Measurement Date
37	*	37	10 - Repetibilidade do zero-1	Specific O.R.	0.0000	0.0000	-0.0009	389	22.46	-0.0009	25/2/2025 17:04
38	*	38	Avg.		0.0000						
39		39	S.D								
40		40	C.V								

	Path Length(mm)	Concentration(w/v%)	Water content(%)	Factor	Comment	Ext. Temperature(C)
37	100.00	9.9594	8	1.0000		
38						
39						
40						

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