Energia 8mm

[Data Information]
Creation Date 18/03/2025 11:11

[Measurement Information]
Instrument Name Polarímetro Jasco
Model Name P-2000
Serial No. B221661232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C129361260

Light Source Na
Monitor wavelength 589 nm
D.I.T. 5 sec
No. of cycle 1
Cycle interval 1 sec
Temp. Monitor Cell
Temp. Corr. Factor None
Correct Blank
Aperture(S) 8.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

[Comments]
Sample name Energia 8mm
Comment
Username
Division CQ-FQ
Organization Health Tech

No.	Sample Name	Measuremen	PMT Voltage	Temperature	Optical Rotat	Optical Rotat
1	Energia 8mm	18/03/2025 1	340	24.53	-2.0481	-2.0481

No.	Factor	Comment
1	1	

Energia 3mm

[Data Information]
Creation Date 18/03/2025 11:14

[Measurement Information]
Instrument Name Polarímetro Jasco
Model Name P-2000
Serial No. B221661232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C129361260

Light Source Na
Monitor wavelength 589 nm
D.I.T. 5 sec
No. of cycle 1
Cycle interval 1 sec
Temp. Monitor Cell
Temp. Corr. Factor None
Correct Blank
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

[Comments]
Sample name Energia 3mm
Comment
Username
Division CQ-FQ
Organization Health Tech

No.	Sample Name	Measuremen	PMT Voltage	Temperature	Optical Rotat	Optical Rotat
1	Energia 3mm	18/03/2025 1	367	24.62	-2.0522	-2.0522

No.	Factor	Comment
1	1	

Exatidão e precisão das Leituras

[Data Information]
Creation Date 18/03/2025 11:22

[Measurement Information]
Instrument Name Polarímetro Jasco
Model Name P-2000
Serial No. B221661232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C129361260

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 None
Correct Blank
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

[Comments]
Sample name Branco
Comment
Username
Division CQ-FQ
Organization Health Tech

No.	Sample Name	Measuremen	PMT Voltage	Temperature	Optical Rotat	Optical Rotat
1	Blank				-2.0517	
2	Blank-1	18/03/2025 1	365	24.67	-2.0511	
3	Blank-2	18/03/2025 1	363	24.67	-2.0524	
4	Blank-3	18/03/2025 1	365	24.67	-2.0516	
5	Blank-4	18/03/2025 1	364	24.67	-2.0518	
6	Blank-5	18/03/2025 1	363	24.68	-2.0520	
7	Blank-6	18/03/2025 1	364	24.68	-2.0521	
8	Blank-7	18/03/2025 1	364	24.68	-2.0513	
9	Blank-8	18/03/2025 1	363	24.69	-2.0521	
10	Blank-9	18/03/2025 1	363	24.68	-2.0510	
11	Blank-10	18/03/2025 1	364	24.69	-2.0519	
12	Exatidão e Precisão das Leituras				-0.0022	2.0496

No.	Factor	S.D.	C.V.	Comment
1		0.0005	0.0228	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12	1	0.0007	0.0333	

No.	Sample Name	Measuremen	PMT Voltage	Temperature	Optical Rotat	Optical Rotat
13	Exatidão e Precisão das Leituras-1	18/03/2025 1	373	24.72	-0.0016	2.0501
14	Exatidão e Precisão das Leituras-2	18/03/2025 1	373	24.72	-0.0023	2.0494
15	Exatidão e Precisão das Leituras-3	18/03/2025 1	372	24.72	-0.0033	2.0484
16	Exatidão e Precisão das Leituras-4	18/03/2025 1	373	24.72	-0.0009	2.0508
17	Exatidão e Precisão das Leituras-5	18/03/2025 1	373	24.72	-0.0023	2.0494
18	Exatidão e Precisão das Leituras-6	18/03/2025 1	373	24.72	-0.0020	2.0497
19	Exatidão e Precisão das Leituras-7	18/03/2025 1	373	24.71	-0.0016	2.0501
20	Exatidão e Precisão das Leituras-8	18/03/2025 1	371	24.71	-0.0023	2.0494
21	Exatidão e Precisão das Leituras-9	18/03/2025 1	373	24.70	-0.0027	2.0490
22	Exatidão e Precisão das Leituras-10	18/03/2025 1	372	24.70	-0.0027	2.0490

No.	Factor	S.D.	C.V.	Comment
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

4 - Repetibilidade do Zero

[Data Information]
Creation Date 18/03/2025 11:47

[Measurement Information]
Instrument Name Polarímetro Jasco
Model Name P-2000
Serial No. B221661232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C129361260

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 None
Correct Blank
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

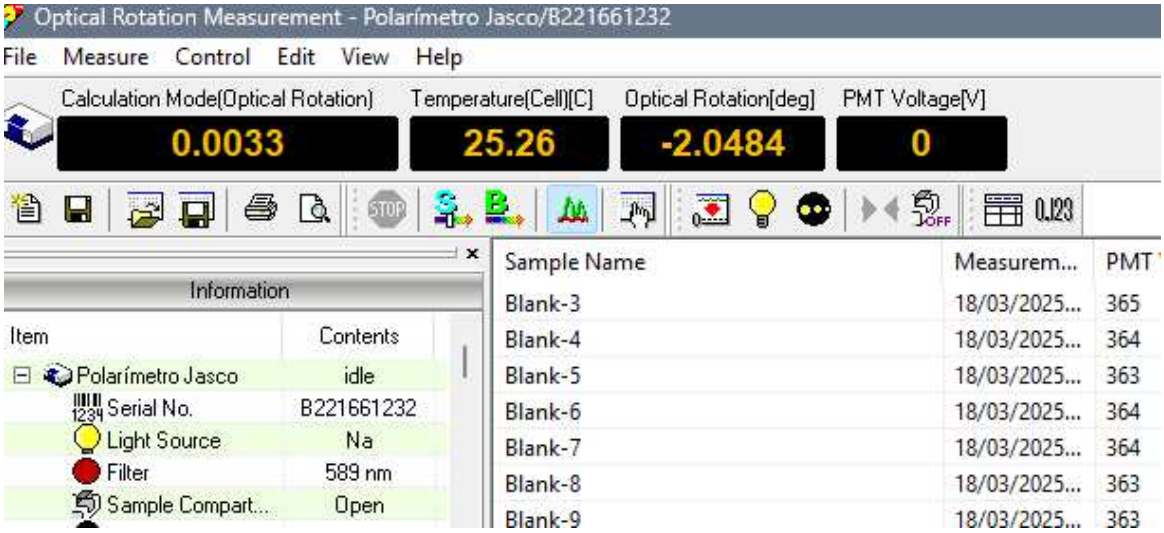
[Comments]
Sample name Repetibilidade do Zero
Comment Padão
Username
Division CQ-FQ
Organization Health Tech

No.	Sample Name	Measuremen	PMT Voltage	Temperature	Optical Rotat	Optical Rotat
1	Blank				-2.0517	
2	Blank-1	18/03/2025 1	365	24.67	-2.0511	
3	Blank-2	18/03/2025 1	363	24.67	-2.0524	
4	Blank-3	18/03/2025 1	365	24.67	-2.0516	
5	Blank-4	18/03/2025 1	364	24.67	-2.0518	
6	Blank-5	18/03/2025 1	363	24.68	-2.0520	
7	Blank-6	18/03/2025 1	364	24.68	-2.0521	
8	Blank-7	18/03/2025 1	364	24.68	-2.0513	
9	Blank-8	18/03/2025 1	363	24.69	-2.0521	
10	Blank-9	18/03/2025 1	363	24.68	-2.0510	
11	Blank-10	18/03/2025 1	364	24.69	-2.0519	
12	Repetibilidade do Zero	18/03/2025 1	372	25.11	0.0006	2.0523

No.	Factor	Comment
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12	1	Padrão

No.	Sample Name	Measuremen	PMT Voltage	Temperature	Optical Rotat	Optical Rotat
13	Repetibilidade do Zero	18/03/2025 1	363	25.14	-2.0525	-0.0008
14	Repetibilidade do Zero	18/03/2025 1	373	25.18	-0.0007	2.0510
15	Repetibilidade do Zero	18/03/2025 1	364	25.19	-2.0541	-0.0024
16	Repetibilidade do Zero	18/03/2025 1	372	25.22	0.0004	2.0521
17	Repetibilidade do Zero	18/03/2025 1	363	25.22	-2.0539	-0.0022
18	Repetibilidade do Zero	18/03/2025 1	371	25.25	0.0009	2.0526
19	Repetibilidade do Zero	18/03/2025 1	363	25.25	-2.0526	-0.0009
20	Repetibilidade do Zero	18/03/2025 1	370	25.29	0.0012	2.0529
21	Repetibilidade do Zero	18/03/2025 1	363	25.28	-2.0541	-0.0024
22	Repetibilidade do Zero	18/03/2025 1	372	25.31	0.0008	2.0525
23	Repetibilidade do Zero	18/03/2025 1	364	25.31	-2.0535	-0.0018
24	Repetibilidade do Zero	18/03/2025 1	372	25.35	-0.0004	2.0513
25	Repetibilidade do Zero	18/03/2025 1	363	25.34	-2.0517	0.0000
26	Repetibilidade do Zero	18/03/2025 1	372	25.36	-0.0020	2.0497
27	Repetibilidade do Zero	18/03/2025 1	364	25.37	-2.0533	-0.0016
28	Repetibilidade do Zero	18/03/2025 1	372	25.39	0.0024	2.0541
29	Repetibilidade do Zero	18/03/2025 1	363	25.39	-2.0547	-0.0030
30	Repetibilidade do Zero	18/03/2025 1	372	25.41	0.0000	2.0517
31	Repetibilidade do Zero	18/03/2025 1	364	25.41	-2.0535	-0.0018

No.	Factor	Comment
13	1	Zero
14	1	Padrão
15	1	Zero
16	1	Padrão
17	1	Zero
18	1	Padrão
19	1	Zero
20	1	Padrão
21	1	Zero
22	1	Padrão
23	1	Zero
24	1	Padrão
25	1	Zero
26	1	Padrão
27	1	Zero
28	1	Padrão
29	1	Zero
30	1	Padrão
31	1	Zero


Optical Rotation Measurement - Polarímetro Jasco/B221661232
File Measure Control Edit View Help
Calculation Mode(Optical Rotation)
Temperature(Cell)[C]
Optical Rotation[deg]
PMT Voltage[V]
0.0033
25.26
-2.0484
0
Information
Item
Contents
Polarímetro Jasco
idle
Serial No.
B221661232
Light Source
Na
Filter
589 nm
Sample Compart...
Open
Sample Name
Measurem...
PMT
Blank-3 18/03/2025... 365
Blank-4 18/03/2025... 364
Blank-5 18/03/2025... 363
Blank-6 18/03/2025... 364
Blank-7 18/03/2025... 364
Blank-8 18/03/2025... 363
Blank-9 18/03/2025... 363