01 - Energia da lâmpada 8mm

[Data Information]
Creation Date 20/08/2025 14:29

[Measurement Information]
Instrument Name MLB-PLM-002
Model Name P-2000
Serial No. B172861232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C111661260

Light Source WI
Monitor wavelength 589 nm
D.I.T. 5 sec
No. of cycle 3
Cycle interval 0 sec
Temp. Monitor Cell
Temp. Corr. Factor None
Aperture(S) 8.0mm
Aperture(L) Auto
Mode Specific O.R.
Path Length 100 mm
Concentration 2 w/v%
Water content of sample 0 %
Factor 1

[Comment]
Sample name Materia prima Teste
Comment
User gra60210
Workgroup Polarimetro
Division CQ
Company Multilab

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Specific O.R.
1	Blank				-0.0001	
2	Blank-1	20/08/2025 14:29	227	22.82	-0.0003	
3	Blank-2	20/08/2025 14:29	227	22.82	+0.0001	
4	Blank-3	20/08/2025 14:29	227	22.82	-0.0002	

No.	Path Length[mm]	Concentration[w/v%]	Water content[%]	Factor	S.D.	C.V.	Comment
1					0.0002	156.1249	
2							
3							
4							

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Untitled

[Data Information]
Creation Date 20/08/2025 15:36

[Measurement Information]
Instrument Name MLB-PLM-002
Model Name P-2000
Serial No. B172861232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C111661260

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

[Comment]
Sample name Materia prima Teste
Comment
User gra60210
Workgroup Polarimetro
Division CQ
Company Multilab

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor
1	Blank	20/08/2025 15:36	325	22.49	+0.0017

No.	Optical Rotation[deg]	Factor	Comment
1			

Unsigned

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Untitled

[Data Information]
Creation Date 20/08/2025 15:41

[Measurement Information]
Instrument Name MLB-PLM-002
Model Name P-2000
Serial No. B172861232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C111661260

Light Source WI
Monitor wavelength 589 nm
D.I.T. 5 sec
No. of cycle 10
Cycle interval 1 sec
Temp. Monitor Cell
Temp. Corr. Factor None
Aperture(S) 8.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

[Comment]
Sample name Materia prima Teste
Comment
User gra60210
Workgroup Polarimetro
Division CQ
Company Multilab

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]
1	Blank			
2	Blank-1	20/08/2025 15:39	227	22.47
3	Blank-2	20/08/2025 15:39	227	22.47
4	Blank-3	20/08/2025 15:39	227	22.47
5	Blank-4	20/08/2025 15:39	227	22.47
6	Blank-5	20/08/2025 15:39	227	22.48
7	Blank-6	20/08/2025 15:39	227	22.48
8	Blank-7	20/08/2025 15:39	227	22.48
9	Blank-8	20/08/2025 15:39	227	22.48
10	Blank-9	20/08/2025 15:39	227	22.48

No.	Optical Rotation Monitor	Optical Rotation[deg]	Factor	S.D.	C.V.	Comment
1	-0.0006			0.0005	83.2044	
2	-0.0003					
3	-0.0009					
4	0.0000					
5	-0.0011					
6	-0.0001					
7	-0.0002					
8	-0.0006					
9	-0.0002					
10	-0.0013					

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No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]
11	Blank-10	20/08/2025 15:40	227	22.48
12	02 - Exatidão e precisão das leituras			
13	02 - Exatidão e precisão das leituras-1	20/08/2025 15:41	231	22.55
14	02 - Exatidão e precisão das leituras-2	20/08/2025 15:41	231	22.55
15	02 - Exatidão e precisão das leituras-3	20/08/2025 15:41	231	22.55
16	02 - Exatidão e precisão das leituras-4	20/08/2025 15:41	231	22.55
17	02 - Exatidão e precisão das leituras-5	20/08/2025 15:41	231	22.55
18	02 - Exatidão e precisão das leituras-6	20/08/2025 15:41	231	22.55
19	02 - Exatidão e precisão das leituras-7	20/08/2025 15:41	231	22.55
20	02 - Exatidão e precisão das leituras-8	20/08/2025 15:41	231	22.56
21	02 - Exatidão e precisão das leituras-9	20/08/2025 15:41	231	22.56
22	02 - Exatidão e precisão das leituras-10	20/08/2025 15:41	231	22.56

No.	Optical Rotation Monitor	Optical Rotation[deg]	Factor	S.D.	C.V.	Comment
11	-0.0011					
12	+2.0510	+2.0516	1	0.0004	0.0202	
13	+2.0511	+2.0517				
14	+2.0508	+2.0514				
15	+2.0515	+2.0521				
16	+2.0517	+2.0523				
17	+2.0509	+2.0515				
18	+2.0506	+2.0512				
19	+2.0507	+2.0513				
20	+2.0507	+2.0513				
21	+2.0505	+2.0511				
22	+2.0514	+2.0520				

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03 - Repetibilidade do zero

[Data Information]
Creation Date 20/08/2025 15:51

[Measurement Information]
Instrument Name MLB-PLM-002
Model Name P-2000
Serial No. B172861232
Polarizer Dichrom
Faraday Cell Flint Glass

Accessory RSC-200
Accessory S/N C111661260

Light Source WI
Monitor wavelength 589 nm
D.I.T. 5 sec
No. of cycle 10
Cycle interval 1 sec
Temp. Monitor Cell
Temp. Corr. Factor None
Aperture(S) 8.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

[Comment]
Sample name Materia prima Teste
Comment
User gra60210
Workgroup Polarimetro
Division CQ
Company Multilab

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor
1	Blank				-0.0001
2	Blank-1	20/08/2025 15:49	227	22.60	-0.0005
3	Blank-2	20/08/2025 15:49	227	22.59	-0.0006
4	Blank-3	20/08/2025 15:50	227	22.60	-0.0002
5	Blank-4	20/08/2025 15:50	227	22.60	-0.0007
6	Blank-5	20/08/2025 15:50	227	22.59	-0.0006
7	Blank-6	20/08/2025 15:50	227	22.60	+0.0004
8	Blank-7	20/08/2025 15:50	227	22.60	+0.0007
9	Blank-8	20/08/2025 15:50	227	22.61	-0.0002
10	Blank-9	20/08/2025 15:50	227	22.61	+0.0007

No.	Optical Rotation[deg]	Factor	S.D.	C.V.	Comment
1			0.0005	535.4126	
2					
3					
4					
5					
6					
7					
8					
9					
10					

Creation
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No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor
11	Blank-10	20/08/2025 15:50	227	22.61	0.0000
12	03 - Repetibilidade do zero				-0.0012
13	03 - Repetibilidade do zero-1	20/08/2025 15:51	227	22.63	-0.0016
14	03 - Repetibilidade do zero-2	20/08/2025 15:51	227	22.62	-0.0017
15	03 - Repetibilidade do zero-3	20/08/2025 15:51	227	22.63	-0.0019
16	03 - Repetibilidade do zero-4	20/08/2025 15:51	227	22.64	-0.0028
17	03 - Repetibilidade do zero-5	20/08/2025 15:51	227	22.64	-0.0015
18	03 - Repetibilidade do zero-6	20/08/2025 15:51	227	22.64	-0.0008
19	03 - Repetibilidade do zero-7	20/08/2025 15:51	227	22.64	-0.0006
20	03 - Repetibilidade do zero-8	20/08/2025 15:51	227	22.64	-0.0007
21	03 - Repetibilidade do zero-9	20/08/2025 15:51	227	22.64	-0.0007
22	03 - Repetibilidade do zero-10	20/08/2025 15:51	227	22.64	-0.0001

No.	Optical Rotation[deg]	Factor	S.D.	C.V.	Comment
11					
12	-0.0011	1	0.0008	70.1998	
13	-0.0015				
14	-0.0016				
15	-0.0018				
16	-0.0027				
17	-0.0014				
18	-0.0007				
19	-0.0005				
20	-0.0006				
21	-0.0006				
22	-0.0000				

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