Sem título

[Comment]
Sample name Lactose Spray Dried
Comment 111969
User Fernanda Estrela
Division
Company Libbs Farmacêutica Ltda.

[Data Information]
Creation Date 9/2/2026 13:19

[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

Light Source Na
Monitor wavelength 589 nm
D.I.T. 1 sec
No. of cycle 1
Cycle interval 0 sec
Temp. Monitor Cell
Temp. Corr. Factor None
Aperture(S) 8.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Optical Rotation[deg]	Factor	Comment
1	Blank	9/2/2026 13:19	276	23.73	0.6461			

Sem título

[Comment]
Sample name Lactose Spray Dried
Comment 111969
User Fernanda Estrela
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Company Libbs Farmacêutica Ltda.

[Data Information]
Creation Date 9/2/2026 13:21

[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

Light Source Na
Monitor wavelength 589 nm
D.I.T. 1 sec
No. of cycle 1
Cycle interval 0 sec
Temp. Monitor Cell
Temp. Corr. Factor None
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Optical Rotation[deg]	Factor	Comment
1	Blank	9/2/2026 13:21	395	23.80	0.6502			

[Comment]

Sample name	Lactose Spray Dried
Comment	111969
User	Fernanda Estrela
Division	
Company	Libbs Farmacêutica Ltda.

[Data Information]

Creation Date	9/2/2026 13:57

[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
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
Aperture(S)	3.0mm
Aperture(L)	Auto
Mode	Optical Rotation
Factor	1

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Optical Rotation[deg]	Factor	S.D.
1	Blank				0.0001			0.0013
2	Blank-1	9/2/2026 13:53	396	24.17	-0.0022			
3	Blank-2	9/2/2026 13:53	396	24.17	-0.0003			
4	Blank-3	9/2/2026 13:53	396	24.17	-0.0013			
5	Blank-4	9/2/2026 13:53	395	24.18	0.0023			
6	Blank-5	9/2/2026 13:53	396	24.18	0.0008			
7	Blank-6	9/2/2026 13:53	399	24.18	0.0017			
8	Blank-7	9/2/2026 13:54	400	24.18	0.0000			
9	Blank-8	9/2/2026 13:54	399	24.19	-0.0001			
10	Blank-9	9/2/2026 13:54	396	24.19	-0.0004			
11	Blank-10	9/2/2026 13:54	397	24.20	0.0010			
12	Exatidão e Precisão das Leituras				2.0493	2.0491	1	0.0013
13	Exatidão e Precisão das Leituras-1	9/2/2026 13:55	408	24.27	2.0489	2.0488		
14	Exatidão e Precisão das Leituras-2	9/2/2026 13:56	407	24.28	2.0502	2.0501		
15	Exatidão e Precisão das Leituras-3	9/2/2026 13:56	408	24.29	2.0500	2.0499		

No.	C.V.	Comment
1	899.5198	
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12	0.0630	
13		
14		
15		

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Optical Rotation[deg]	Factor	S.D.
16	Exatidão e Precisão das Leituras-4	9/2/2026 13:56	406	24.30	2.0486	2.0484		
17	Exatidão e Precisão das Leituras-5	9/2/2026 13:56	408	24.32	2.0497	2.0496		
18	Exatidão e Precisão das Leituras-6	9/2/2026 13:56	404	24.33	2.0492	2.0490		
19	Exatidão e Precisão das Leituras-7	9/2/2026 13:56	408	24.34	2.0514	2.0513		
20	Exatidão e Precisão das Leituras-8	9/2/2026 13:57	407	24.35	2.0475	2.0474		
21	Exatidão e Precisão das Leituras-9	9/2/2026 13:57	411	24.37	2.0502	2.0501		
22	Exatidão e Precisão das Leituras-10	9/2/2026 13:57	408	24.38	2.0472	2.0471		

No.	C.V.	Comment
16		
17		
18		
19		
20		
21		
22		

Sem título

[Comment]
Sample name Lactose Spray Dried
Comment 111969
User Fernanda Estrela
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[Data Information]
Creation Date 9/2/2026 14:28

[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

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
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Optical Rotation[deg]	Factor	Comment
1	Blank	9/2/2026 14:03	399	24.54	-0.0017			
2	STD 1	9/2/2026 14:04	409	24.53	2.0484	2.0501	1	
3	Leitura do Zero 01	9/2/2026 14:06	397	24.45	-0.0024	-0.0007	1	

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Optical Rotation[deg]	Factor	Comment
4	STD 2	9/2/2026 14:07	405	24.47	2.0487	2.0504	1	
5	Leitura do Zero 02	9/2/2026 14:09	396	24.43	0.0000	0.0017	1	
6	STD 3	9/2/2026 14:10	406	24.39	2.0467	2.0484	1	
7	Leitura do Zero 03	9/2/2026 14:12	394	24.37	-0.0003	0.0014	1	
8	STD 4	9/2/2026 14:14	406	24.37	2.0488	2.0505	1	
9	Leitura do Zero 04	9/2/2026 14:16	396	24.48	-0.0017	0.0000	1	
10	STD 5	9/2/2026 14:17	407	24.53	2.0490	2.0507	1	
11	Leitura do Zero 05	9/2/2026 14:18	396	24.59	-0.0017	0.0000	1	
12	STD 6	9/2/2026 14:19	406	24.70	2.0464	2.0481	1	
13	Leitura do Zero 06	9/2/2026 14:20	398	24.72	0.0006	0.0023	1	
14	STD 7	9/2/2026 14:21	406	24.77	2.0478	2.0495	1	
15	Leitura do Zero 07	9/2/2026 14:22	397	24.81	-0.0006	0.0011	1	
16	STD 8	9/2/2026 14:23	404	24.80	2.0479	2.0496	1	
17	Leitura do Zero 08	9/2/2026 14:24	396	24.74	-0.0002	0.0015	1	
18	STD 9	9/2/2026 14:25	407	24.73	2.0489	2.0506	1	
19	Leitura do Zero 09	9/2/2026 14:26	398	24.68	0.0004	0.0021	1	
20	STD 10	9/2/2026 14:26	405	24.69	2.0490	2.0507	1	
21	Leitura do Zero 10	9/2/2026 14:28	395	24.67	0.0003	0.0020	1	

Sem título

[Comment]
Sample name Lactose Spray Dried
Comment 111969
User Fernanda Estrela
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[Data Information]
Creation Date 9/2/2026 14:29

[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

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
Aperture(S) 3.0mm
Aperture(L) Auto
Mode Optical Rotation
Factor 1

No.	Sample Name	Measurement Date	PMT Voltage[V]	Temperature[C]	Optical Rotation Monitor	Optical Rotation[deg]	Factor	Comment
1	Blank	9/2/2026 14:29	397	24.57	0.0005			