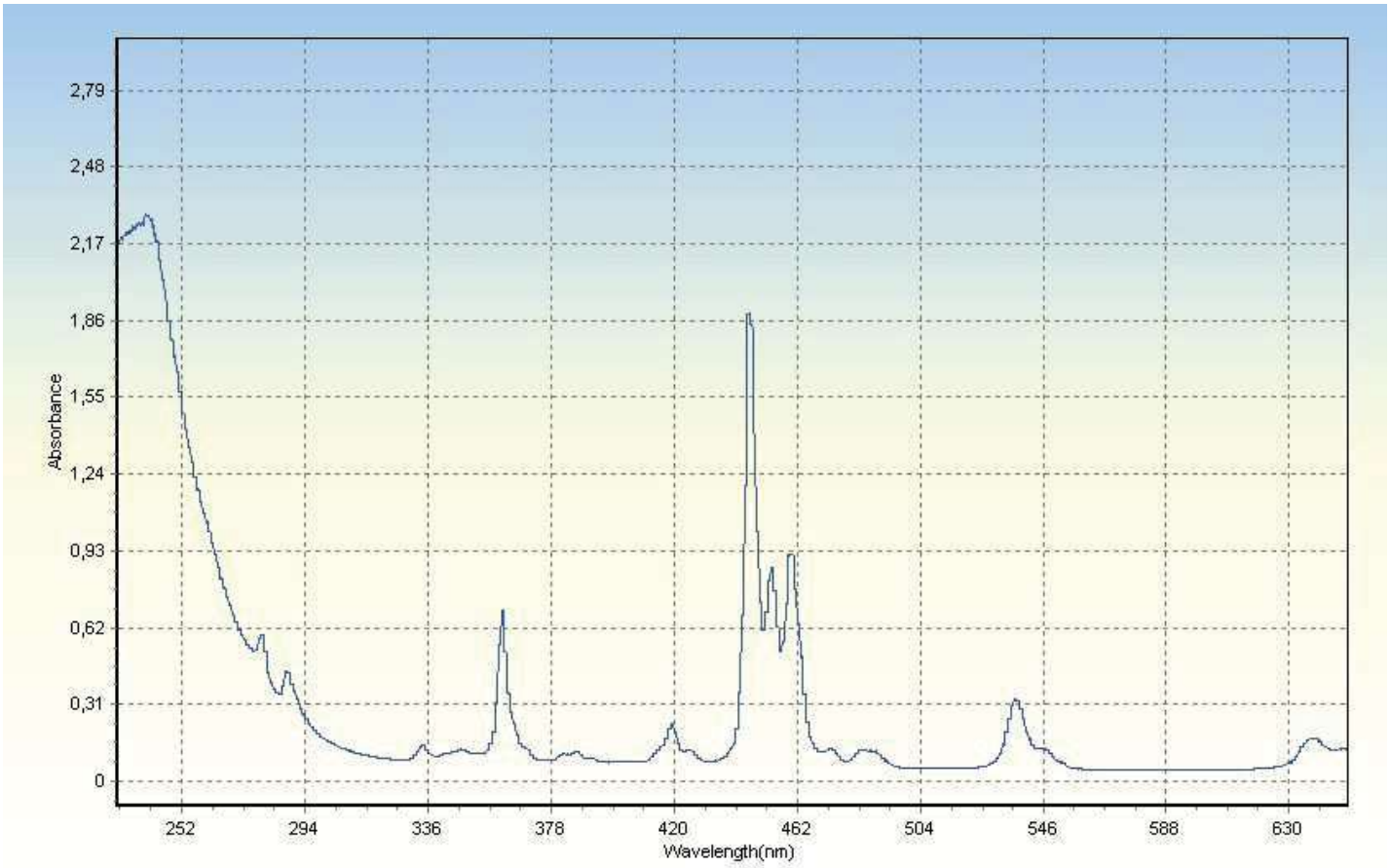
Wavelength Scan Report

Company	01 - Exatidão do comprimento de onda		
Operator	anonymous	Test Time	02/04/2025 14:30
Document No.	WLS2504020001	Print Date	02/04/2025 15:14
Start wavelength	650nm	Number of data	2101
End wavelength	230nm	K1	0,99
Unit		K0	0
Interval	0,2nm	K2	0
Calculate the Conc.	No	K3	0
Remark			

Figure



Detail

No.	Wavelength	Abs	Tran	Conc	Remark
1	650	0,1136	76,9926		
2	649,8	0,1337	73,5104		
3	649,6	0,1332	73,5799		
4	649,4	0,1332	73,5913		
5	649,2	0,1334	73,5582		

44	641,4	0,1481	71,0989		
45	641,2	0,1479	71,1387		
46	641	0,148	71,1192		
47	640,8	0,1615	68,9517		
48	640,6	0,1621	68,8542		
49	640,4	0,1624	68,8		
50	640,2	0,1622	68,8366		
51	640	0,162	68,8727		
52	639,8	0,1707	67,4971		
53	639,6	0,1709	67,4752		
54	639,4	0,1712	67,429		
55	639,2	0,1711	67,4415		
56	639	0,1717	67,3391		
57	638,8	0,1748	66,8636		
58	638,6	0,1744	66,9214		
59	638,4	0,1746	66,8905		
60	638,2	0,175	66,8395		
61	638	0,1748	66,8663		
62	637,8	0,1722	67,2699		
63	637,6	0,172	67,2927		
64	637,4	0,1724	67,2297		
65	637,2	0,1725	67,2242		
66	637	0,172	67,2951		
67	636,8	0,1671	68,0566		
68	636,6	0,167	68,0692		
69	636,4	0,1666	68,139		
70	636,2	0,1666	68,143		
71	636	0,1663	68,1833		
72	635,8	0,1556	69,8945		
73	635,6	0,1543	70,1024		
74	635,4	0,1543	70,0919		
75	635,2	0,1547	70,032		
76	635	0,1547	70,026		
77	634,8	0,1408	72,3047		
78	634,6	0,1395	72,5269		
79	634,4	0,1397	72,4954		
80	634,2	0,14	72,4398		
81	634	0,1399	72,4523		

538	542,6	0,1459	71,4687		
539	542,4	0,1457	71,4996		
540	542,2	0,1459	71,4595		
541	542	0,1459	71,4603		
542	541,8	0,1689	67,7832		
543	541,6	0,1691	67,7417		
544	541,4	0,1694	67,7007		
545	541,2	0,1687	67,8119		
546	541	0,1687	67,8081		
547	540,8	0,201	62,947		
548	540,6	0,202	62,8077		
549	540,4	0,2018	62,8347		
550	540,2	0,2021	62,7858		
551	540	0,2015	62,8811		
552	539,8	0,2454	56,8273		
553	539,6	0,2484	56,4378		
554	539,4	0,2488	56,3922		
555	539,2	0,2486	56,412		
556	539	0,2488	56,3922		
557	538,8	0,2942	50,7952		
558	538,6	0,2945	50,7621		
559	538,4	0,2941	50,7987		
560	538,2	0,2945	50,762		
561	538	0,2943	50,7772		
562	537,8	0,3265	47,1482		
563	537,6	0,3272	47,0731		
564	537,4	0,3272	47,072		
565	537,2	0,3273	47,0669		
566	537	0,3274	47,0585		
567	536,8	0,3338	46,3703		
568	536,6	0,3335	46,3947		
569	536,4	0,333	46,4501		
570	536,2	0,3331	46,4401		
571	536	0,3332	46,4279		
572	535,8	0,3034	49,7336		
573	535,6	0,3034	49,7272		
574	535,4	0,303	49,7688		
575	535,2	0,3036	49,7046		

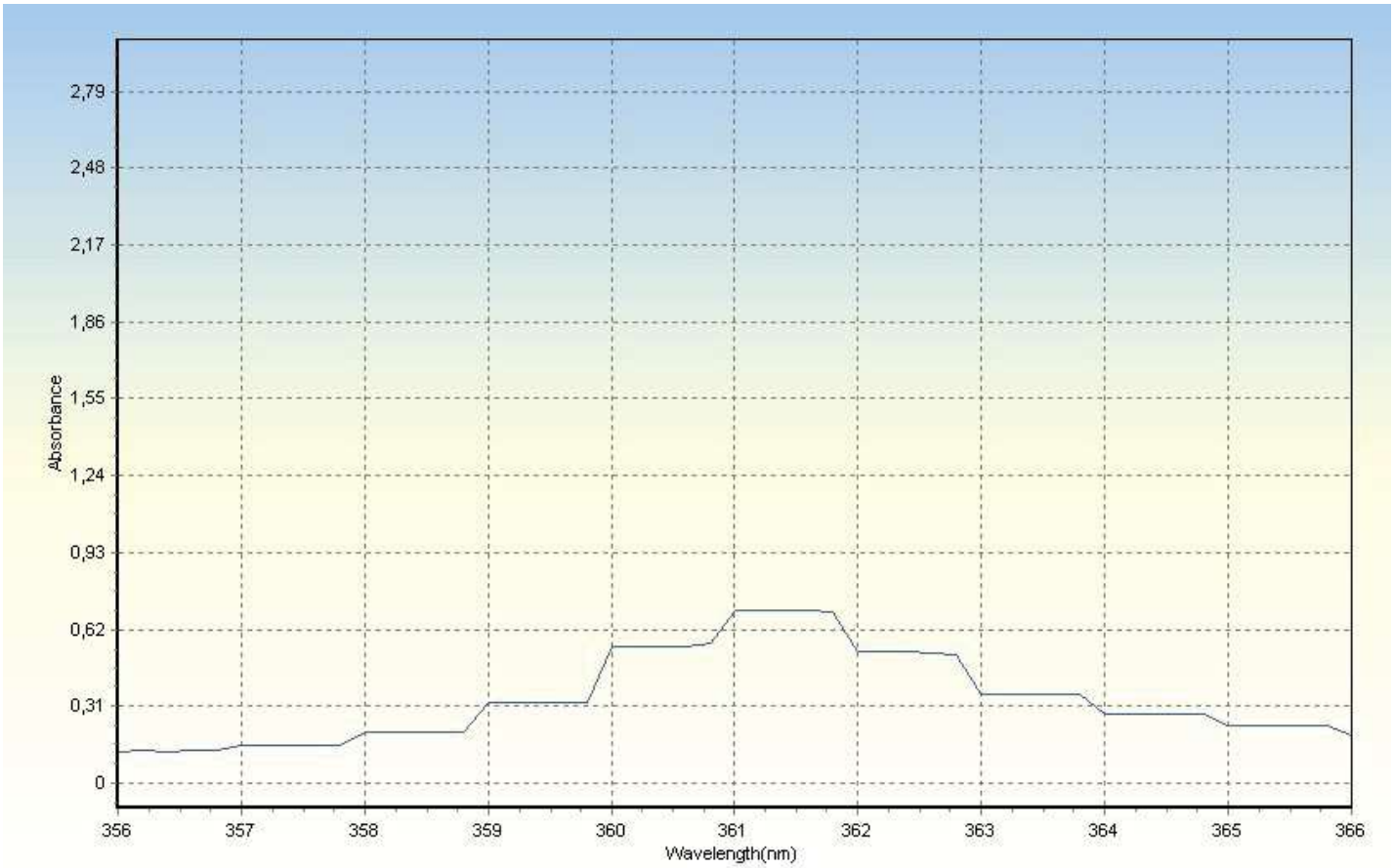
956	459	0,9125	12,2312		
957	458,8	0,7219	18,9702		
958	458,6	0,714	19,321		
959	458,4	0,7139	19,3253		
960	458,2	0,7137	19,3323		
961	458	0,7137	19,331		
962	457,8	0,5679	27,0431		
963	457,6	0,5613	27,4615		
964	457,4	0,5613	27,4596		
965	457,2	0,5614	27,4564		
966	457	0,5618	27,4272		
967	456,8	0,5255	29,8166		
968	456,6	0,526	29,7877		
969	456,4	0,5254	29,8272		
970	456,2	0,5254	29,8251		
971	456	0,5248	29,8646		
972	455,8	0,6138	24,3348		
973	455,6	0,6203	23,9722		
974	455,4	0,621	23,9326		
975	455,2	0,6205	23,9634		
976	455	0,6203	23,9704		
977	454,8	0,7638	17,2255		
978	454,6	0,7671	17,0964		
979	454,4	0,7671	17,0966		
980	454,2	0,7673	17,0868		
981	454	0,7672	17,0941		
982	453,8	0,8572	13,8916		
983	453,6	0,86	13,8049		
984	453,4	0,8602	13,7983		
985	453,2	0,8599	13,8083		
986	453	0,8605	13,7889		
987	452,8	0,8131	15,3793		
988	452,6	0,8101	15,483		
989	452,4	0,8103	15,477		
990	452,2	0,8103	15,4777		
991	452	0,8101	15,483		
992	451,8	0,6852	20,6445		
993	451,6	0,6825	20,7751		

1412	367,8	0,1545	70,0587		
1413	367,6	0,1551	69,975		
1414	367,4	0,1554	69,9231		
1415	367,2	0,1553	69,9421		
1416	367	0,1555	69,8981		
1417	366,8	0,1864	65,1078		
1418	366,6	0,1869	65,0289		
1419	366,4	0,1874	64,9593		
1420	366,2	0,1871	64,9915		
1421	366	0,1871	64,9949		
1422	365,8	0,227	59,2894		
1423	365,6	0,2293	58,9821		
1424	365,4	0,2287	59,0654		
1425	365,2	0,2289	59,0281		
1426	365	0,2288	59,0517		
1427	364,8	0,2723	53,4165		
1428	364,6	0,2755	53,0251		
1429	364,4	0,2754	53,0345		
1430	364,2	0,2754	53,0443		
1431	364	0,2757	52,9993		
1432	363,8	0,3525	44,4151		
1433	363,6	0,3556	44,0951		
1434	363,4	0,3547	44,1903		
1435	363,2	0,3561	44,0465		
1436	363	0,3556	44,0934		
1437	362,8	0,5182	30,3247		
1438	362,6	0,5226	30,0206		
1439	362,4	0,5235	29,954		
1440	362,2	0,5237	29,9401		
1441	362	0,5226	30,0181		
1442	361,8	0,6908	20,379		
1443	361,6	0,6909	20,3742		
1444	361,4	0,6904	20,3971		
1445	361,2	0,6906	20,3872		
1446	361	0,6905	20,3924		
1447	360,8	0,5563	27,7778		
1448	360,6	0,5503	28,1643		
1449	360,4	0,5501	28,1758		

Wavelength Scan Report

Company	02 - Repetibilidade do comprimento de onda		
Operator	anonymous	Test Time	02/04/2025 15:33
Document No.	WLS2504020005	Print Date	02/04/2025 15:35
Start wavelength	366nm	Number of data	51
End wavelength	356nm	K1	0,99
Unit		K0	0
Interval	0,2nm	K2	0
Calculate the Conc.	No	K3	0
Remark			

Figure



Detail

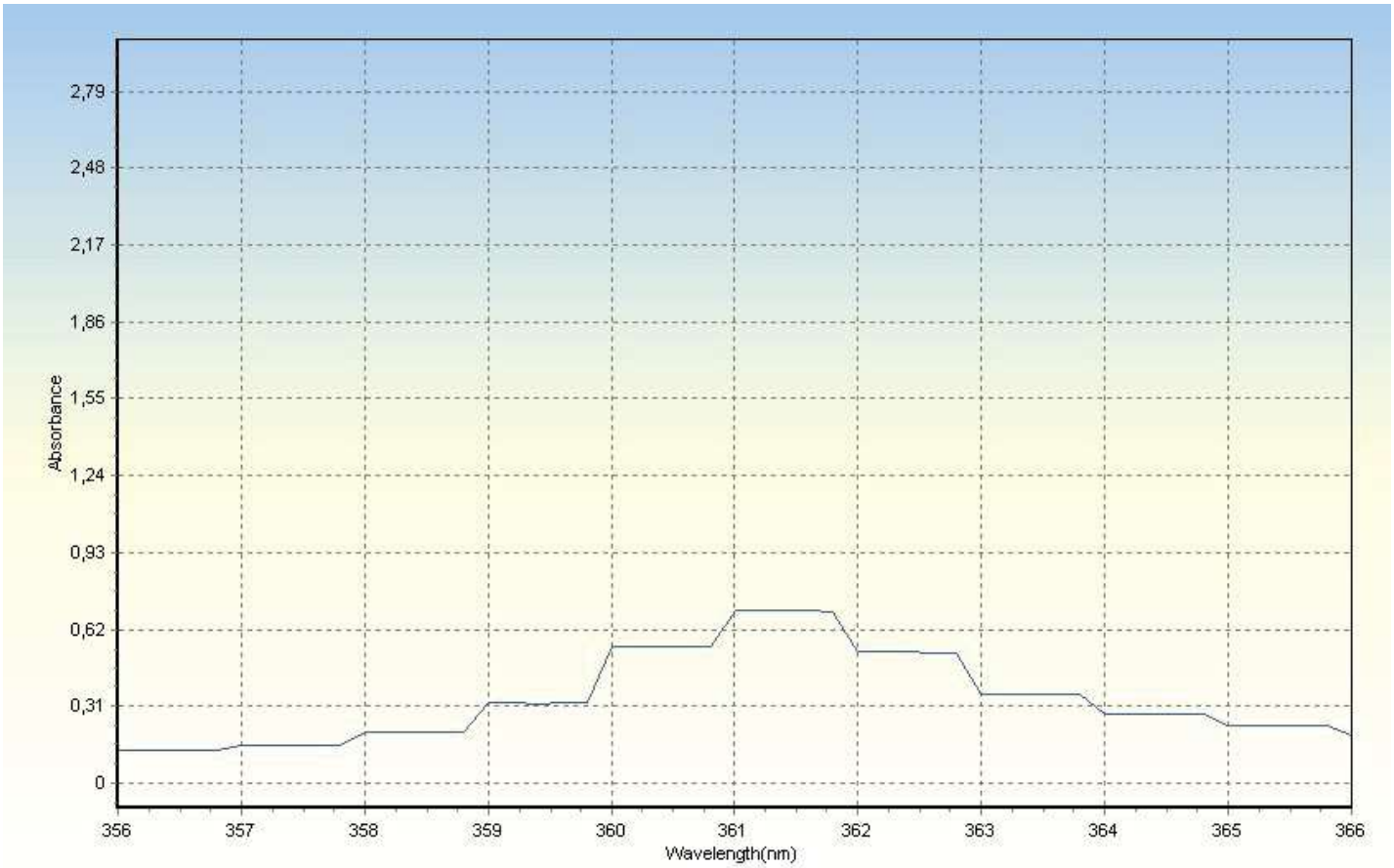
No.	Wavelength	Abs	Tran	Conc	Remark
1	366	0,1934	64,0622		
2	365,8	0,2319	58,6289		
3	365,6	0,2333	58,4351		
4	365,4	0,2329	58,4962		
5	365,2	0,2326	58,5319		

6	365	0,2333	58,4421		
7	364,8	0,2795	52,5447		
8	364,6	0,2795	52,5416		
9	364,4	0,2795	52,5394		
10	364,2	0,2796	52,5293		
11	364	0,2786	52,6537		
12	363,8	0,3592	43,7346		
13	363,6	0,3592	43,7299		
14	363,4	0,3593	43,7195		
15	363,2	0,3601	43,6373		
16	363	0,3602	43,6282		
17	362,8	0,5198	30,212		
18	362,6	0,527	29,7192		
19	362,4	0,5279	29,6549		
20	362,2	0,5274	29,6883		
21	362	0,5278	29,6637		
22	361,8	0,6884	20,492		
23	361,6	0,6945	20,2075		
24	361,4	0,6947	20,1984		
25	361,2	0,6939	20,2342		
26	361	0,6938	20,239		
27	360,8	0,5606	27,5048		
28	360,6	0,5527	28,0078		
29	360,4	0,5524	28,0253		
30	360,2	0,5528	28,0048		
31	360	0,5532	27,9791		
32	359,8	0,3276	47,0355		
33	359,6	0,3231	47,5207		
34	359,4	0,3223	47,6073		
35	359,2	0,323	47,5344		
36	359	0,3234	47,4926		
37	358,8	0,2039	62,5362		
38	358,6	0,2021	62,7968		
39	358,4	0,2025	62,7321		
40	358,2	0,2026	62,7242		
41	358	0,2038	62,545		
42	357,8	0,1546	70,0544		
43	357,6	0,1529	70,3294		

Wavelength Scan Report

Company	02 - Repetibilidade do comprimento de onda		
Operator	anonymous	Test Time	02/04/2025 15:33
Document No.	WLS2504020005	Print Date	02/04/2025 15:36
Start wavelength	366nm	Number of data	51
End wavelength	356nm	K1	0,99
Unit		K0	0
Interval	0,2nm	K2	0
Calculate the Conc.	No	K3	0
Remark			

Figure



Detail

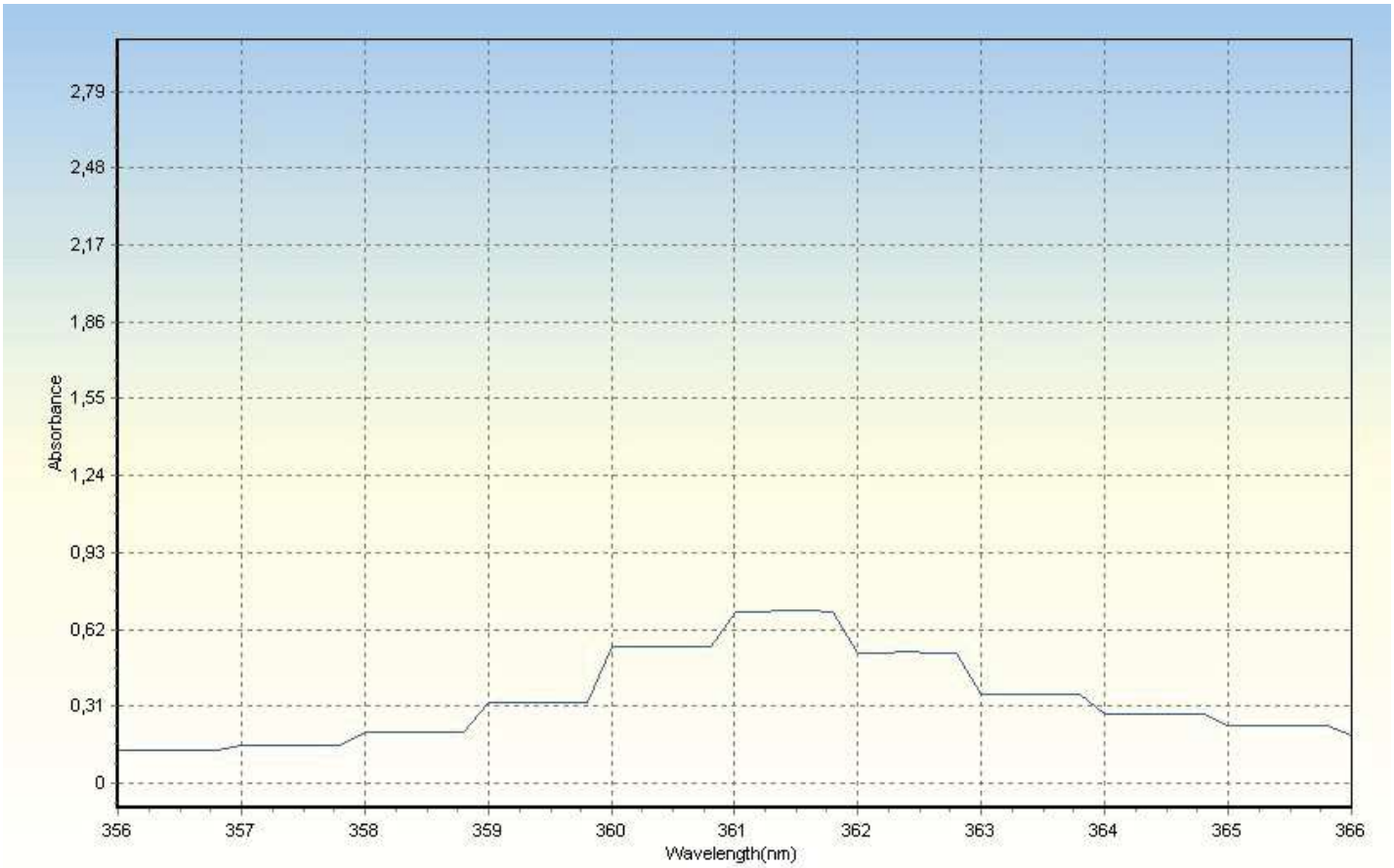
No.	Wavelength	Abs	Tran	Conc	Remark
1	366	0,1931	64,1006		
2	365,8	0,2307	58,7858		
3	365,6	0,233	58,4817		
4	365,4	0,2322	58,5811		
5	365,2	0,232	58,6125		

6	365	0,2325	58,5438		
7	364,8	0,2777	52,7547		
8	364,6	0,2788	52,6214		
9	364,4	0,2789	52,6192		
10	364,2	0,2796	52,5251		
11	364	0,2787	52,6411		
12	363,8	0,3581	43,8432		
13	363,6	0,3598	43,6673		
14	363,4	0,36	43,6527		
15	363,2	0,3597	43,6832		
16	363	0,3599	43,6574		
17	362,8	0,5213	30,1081		
18	362,6	0,527	29,715		
19	362,4	0,5278	29,659		
20	362,2	0,5276	29,6758		
21	362	0,5274	29,6886		
22	361,8	0,6889	20,4712		
23	361,6	0,6935	20,2531		
24	361,4	0,6941	20,2274		
25	361,2	0,6934	20,2591		
26	361	0,6936	20,2473		
27	360,8	0,5534	27,9662		
28	360,6	0,5521	28,0493		
29	360,4	0,5515	28,0835		
30	360,2	0,5515	28,0838		
31	360	0,5519	28,0622		
32	359,8	0,3251	47,3025		
33	359,6	0,3219	47,65		
34	359,4	0,3213	47,7159		
35	359,2	0,3219	47,6554		
36	359	0,3224	47,601		
37	358,8	0,2037	62,5656		
38	358,6	0,2021	62,7968		
39	358,4	0,2023	62,7615		
40	358,2	0,2024	62,741		
41	358	0,2024	62,746		
42	357,8	0,1547	70,0333		
43	357,6	0,1524	70,4054		

Wavelength Scan Report

Company	02 - Repetibilidade do comprimento de onda		
Operator	anonymous	Test Time	02/04/2025 15:33
Document No.	WLS2504020005	Print Date	02/04/2025 15:38
Start wavelength	366nm	Number of data	51
End wavelength	356nm	K1	0,99
Unit		K0	0
Interval	0,2nm	K2	0
Calculate the Conc.	No	K3	0
Remark			

Figure



Detail

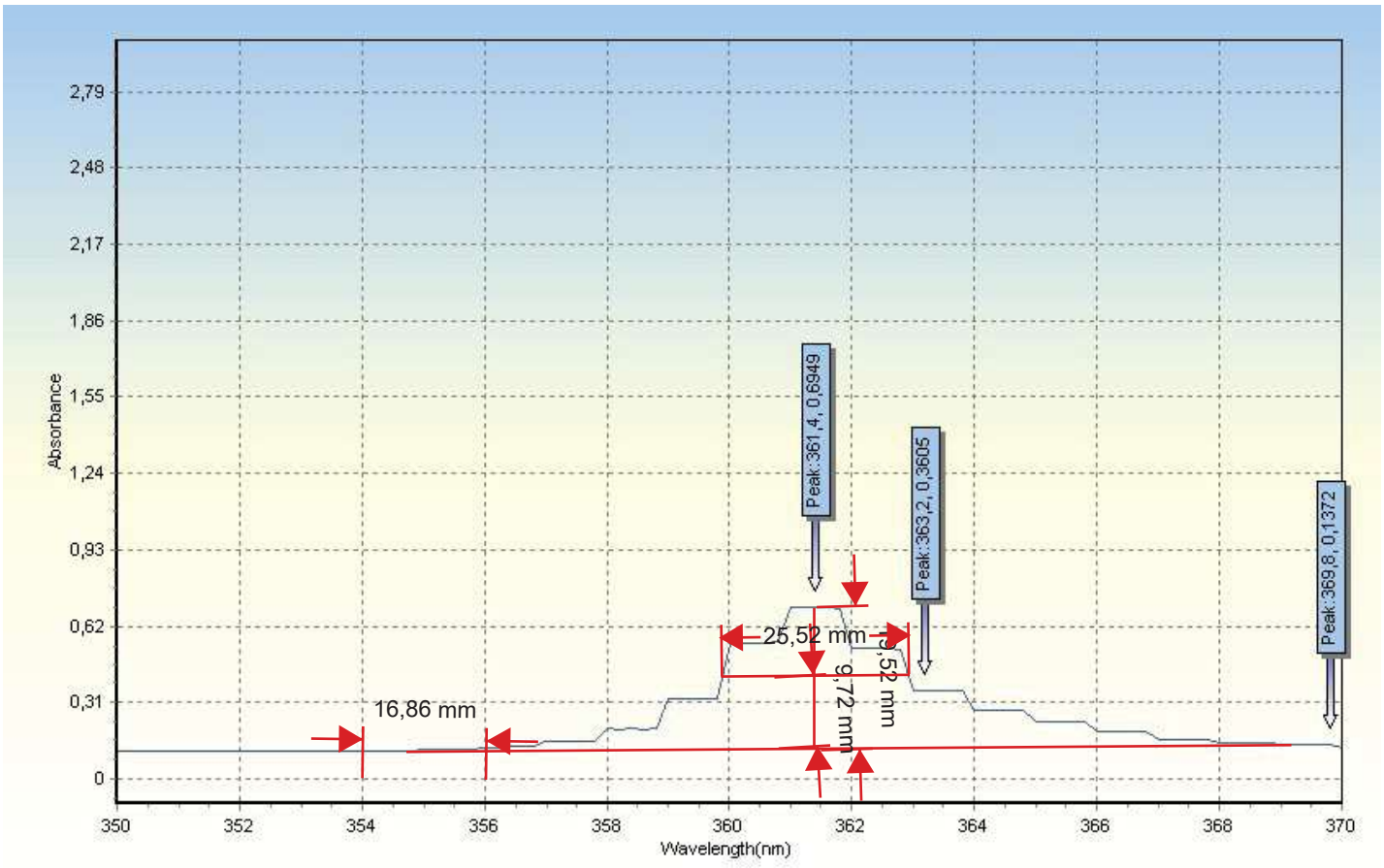
No.	Wavelength	Abs	Tran	Conc	Remark
1	366	0,1934	64,058		
2	365,8	0,2312	58,718		
3	365,6	0,2332	58,4478		
4	365,4	0,2333	58,4326		
5	365,2	0,2327	58,515		

6	365	0,233	58,4803		
7	364,8	0,2777	52,7631		
8	364,6	0,2795	52,5458		
9	364,4	0,2792	52,5772		
10	364,2	0,2791	52,5881		
11	364	0,2788	52,6201		
12	363,8	0,3582	43,8348		
13	363,6	0,3606	43,588		
14	363,4	0,3604	43,6069		
15	363,2	0,3595	43,6999		
16	363	0,3597	43,6866		
17	362,8	0,5237	29,946		
18	362,6	0,5267	29,74		
19	362,4	0,5276	29,6756		
20	362,2	0,5271	29,7091		
21	362	0,5272	29,7052		
22	361,8	0,6917	20,3385		
23	361,6	0,6933	20,2614		
24	361,4	0,6936	20,2482		
25	361,2	0,6928	20,284		
26	361	0,6929	20,2805		
27	360,8	0,5534	27,9662		
28	360,6	0,5518	28,0701		
29	360,4	0,551	28,1168		
30	360,2	0,5512	28,1088		
31	360	0,5514	28,0954		
32	359,8	0,3274	47,0564		
33	359,6	0,3224	47,6		
34	359,4	0,3218	47,67		
35	359,2	0,3223	47,6137		
36	359	0,3225	47,5885		
37	358,8	0,2024	62,746		
38	358,6	0,2024	62,7423		
39	358,4	0,2023	62,7615		
40	358,2	0,2022	62,7829		
41	358	0,2029	62,6706		
42	357,8	0,1539	70,164		
43	357,6	0,1528	70,3379		

Wavelength Scan Report

Company	03 - Resolução		
Operator	anonymous	Test Time	02/04/2025 15:41
Document No.	WLS2504020006	Print Date	02/04/2025 15:46
Start wavelength	370nm	Number of data	101
End wavelength	350nm	K1	0,99
Unit		K0	0
Interval	0,2nm	K2	0
Calculate the Conc.	No	K3	0
Remark			

Figure



Detail

No.	Wavelength	Abs	Tran	Conc	Remark
1	370	0,1246	75,0576		
2	369,8	0,1372	72,9097		
3	369,6	0,1371	72,9235		
4	369,4	0,137	72,9519		
5	369,2	0,1374	72,8868		

Photometric Analysis Report

Company	04 - Exatidão fotométrica		
Operator	anonymous	Test Time	02/04/2025 15:51
Document No.	Pht2504020002	Print Date	02/04/2025 15:52
Wavelength	440nm	K1	0,99
Unit		K0	0
Calculate the Conc.	No	K2	0
Number of samples	3	K3	0
Remark			

Detail

No.	Name	Abs	Tran	Conc	Remark
1	1#Sample	0,2753	53,0537		
2	2#Sample	0,5345	29,205		
3	3#Sample	1,1012	7,9212		

MetaSpec 2.2

Photometric Analysis Report

Company	05 - Repetibilidade fotométrica		
Operator	anonymous	Test Time	02/04/2025 15:54
Document No.	Pht2504020003	Print Date	02/04/2025 15:56
Wavelength	361nm	K1	0,99
Unit		K0	0
Calculate the Conc.	No	K2	0
Number of samples	3	K3	0
Remark			

Detail

No.	Name	Abs	Tran	Conc	Remark
1	1#Sample	0,6905	20,3939		
2	2#Sample	0,6901	20,4105		
3	3#Sample	0,6902	20,4064		

MetaSpec 2.2

Photometric Analysis Report

Company	06 - Linearidade fotométrica		
Operator	anonymous	Test Time	02/04/2025 15:56
Document No.	Pht2504020004	Print Date	02/04/2025 15:58
Wavelength	440nm	K1	0,99
Unit		K0	0
Calculate the Conc.	No	K2	0
Number of samples	3	K3	0
Remark			

Detail

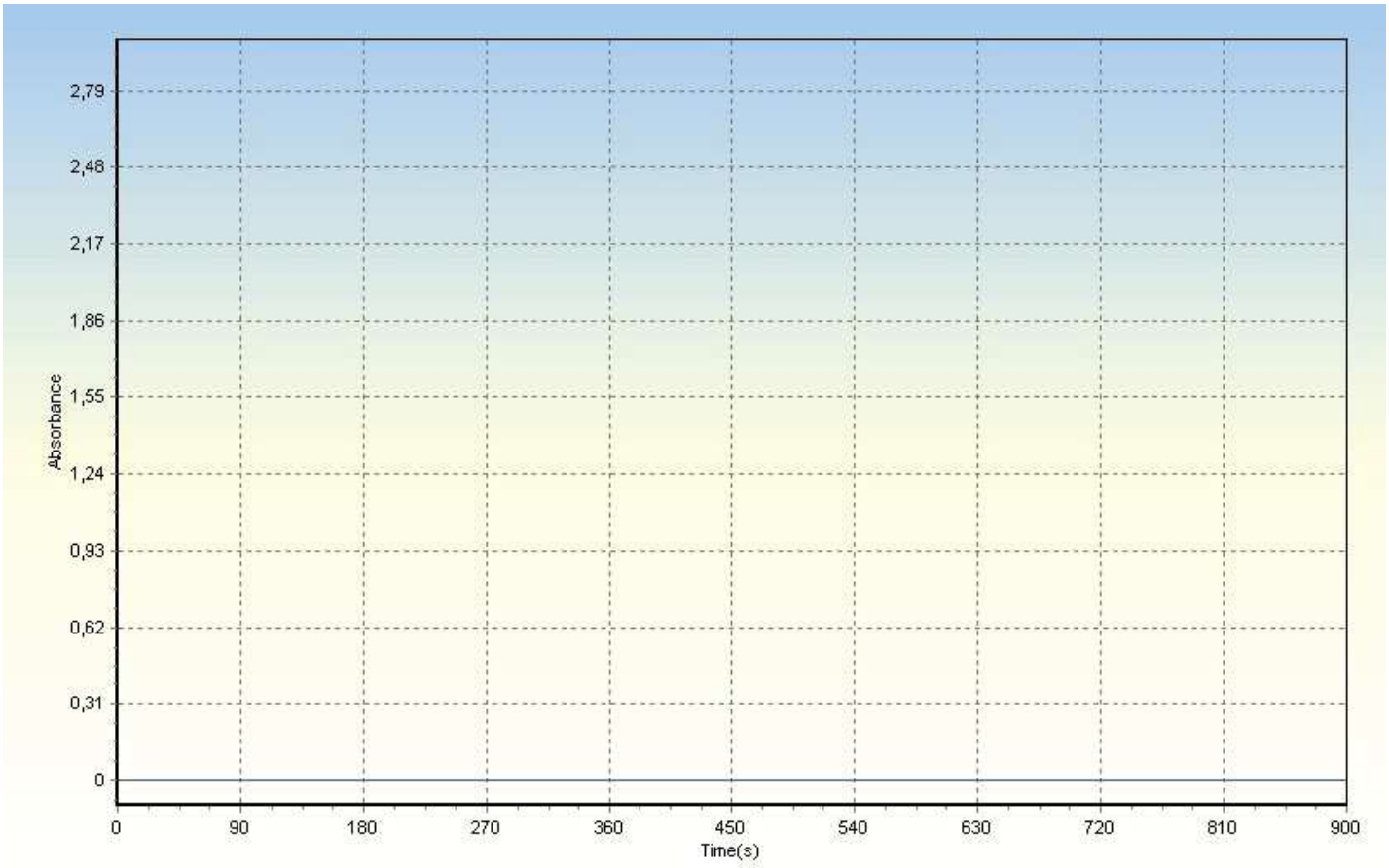
No.	Name	Abs	Tran	Conc	Remark
1	1#Sample	0,2748	53,1106		
2	2#Sample	0,533	29,3063		
3	3#Sample	1,1025	7,897		

MetaSpec 2.2

Kinetics Analysis Report

Company	07 - Estabilidade da linha de base		
Operator	anonymous	Test Time	02/04/2025 16:00
Document No.	KTA2504020001	Print Date	02/04/2025 16:16
Wavelength	250nm	Unit	
Scan time	900s	K1	0,99
Interval	5s	K0	0
Number of data	181	K2	0
Calculate the Conc.	No	K3	0
Remark			

Figure



Detail

No.	Time	Abs	Tran	Conc	Remark
0	0	0	99,9948		
1	5	0,0002	99,9427		
2	10	-0,0003	100,0781		
3	15	-0,0001	100,0312		
4	20	-0,0001	100,0156		

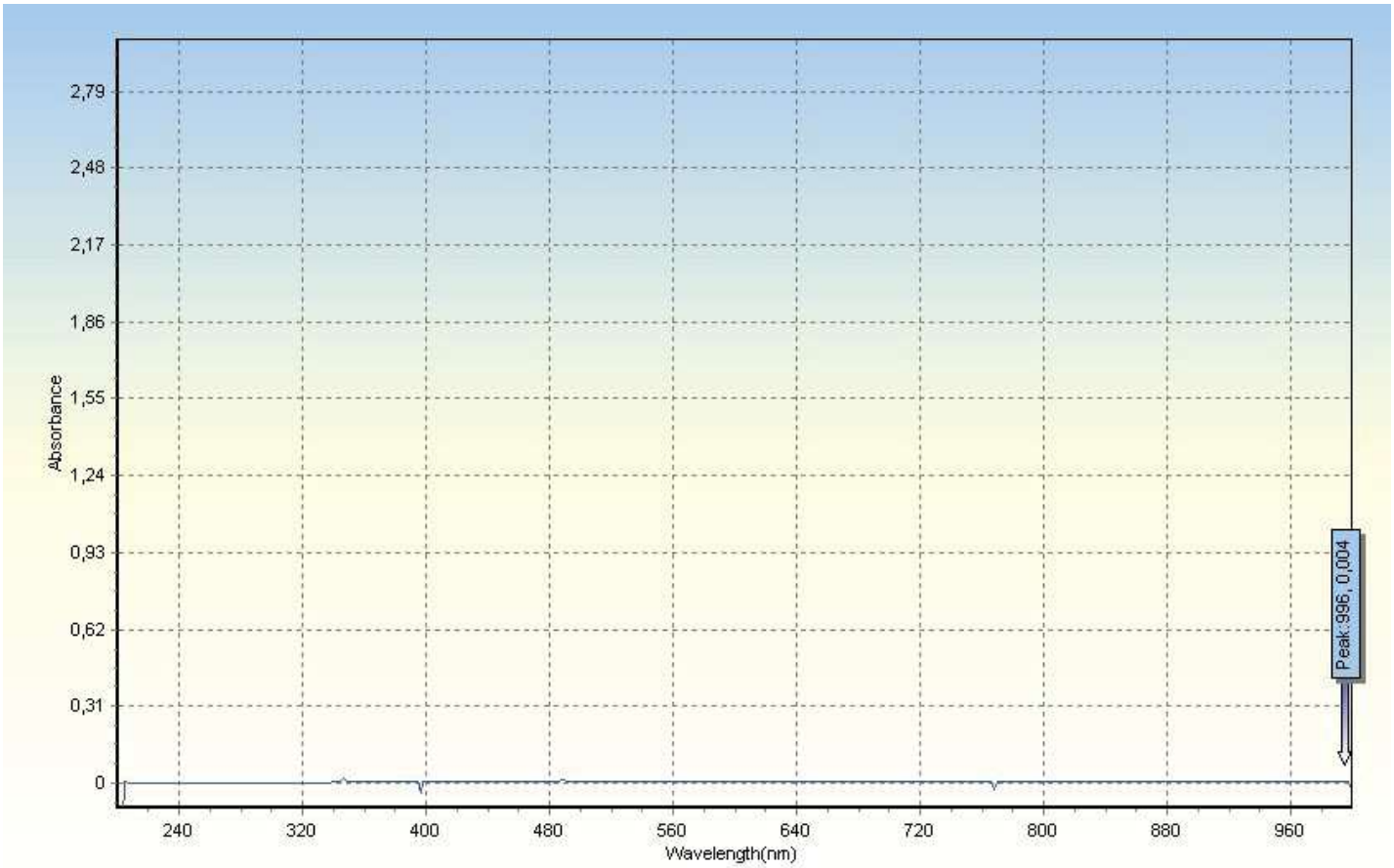
43	215	0	100		
44	220	0,0001	99,9688		
45	225	0,0005	99,8959		
46	230	-0,0001	100,0312		
47	235	-0,0004	100,0989		
48	240	0,0001	99,974		
49	245	-0,0005	100,1145		
50	250	-0,0005	100,1093		
51	255	0	99,9896		
52	260	-0,0004	100,0833		
53	265	-0,0004	100,0833		
54	270	-0,0005	100,1197		
55	275	-0,0003	100,0625		
56	280	0,0001	99,9792		
57	285	0,0003	99,9323		
58	290	-0,0002	100,0521		
59	295	-0,0003	100,0625		
60	300	-0,0001	100,0156		
61	305	-0,0002	100,0573		
62	310	-0,0003	100,0781		
63	315	-0,0004	100,0833		
64	320	0	100,0104		
65	325	-0,0006	100,1354		
66	330	-0,0002	100,0469		
67	335	-0,0003	100,0625		
68	340	-0,0005	100,1093		
69	345	-0,0002	100,0364		
70	350	-0,0002	100,0364		
71	355	-0,0002	100,0416		
72	360	-0,0006	100,1458		
73	365	-0,0004	100,0989		
74	370	-0,0004	100,0885		
75	375	-0,0004	100,0885		
76	380	0	100,0104		
77	385	-0,0005	100,1145		
78	390	-0,0007	100,1562		
79	395	-0,0002	100,0364		
80	400	-0,0002	100,0521		

81	405	-0,0001	100,0156		
82	410	-0,0013	100,2968		
83	415	0,0002	99,9584		
84	420	0	99,9948		
85	425	0	100,0104		
86	430	-0,0001	100,026		
87	435	-0,0002	100,0521		
88	440	-0,0003	100,0781		
89	445	0	100		
90	450	-0,0004	100,0989		
91	455	-0,0004	100,0885		
92	460	0	99,9948		
93	465	-0,0005	100,1197		
94	470	-0,0003	100,0677		
95	475	0	100,0104		
96	480	0,0001	99,9792		
97	485	-0,0002	100,0521		
98	490	-0,0002	100,0364		
99	495	-0,0002	100,0521		
100	500	-0,0003	100,0781		
101	505	-0,0001	100,0312		
102	510	-0,0007	100,1614		
103	515	-0,0006	100,1302		
104	520	-0,0003	100,0729		
105	525	0,0001	99,9844		
106	530	-0,0002	100,0573		
107	535	-0,0004	100,0885		
108	540	-0,0005	100,1041		
109	545	0	100,0104		
110	550	-0,0004	100,0885		
111	555	-0,0005	100,1197		
112	560	-0,0007	100,1614		
113	565	-0,0007	100,1614		
114	570	0	99,9948		
115	575	-0,0005	100,1041		
116	580	-0,0001	100,0312		
117	585	-0,0004	100,0937		
118	590	-0,0004	100,0833		

Wavelength Scan Report

Company	08 - Uniformidade da linha de base		
Operator	anonymous	Test Time	02/04/2025 16:18
Document No.	WLS2504020007	Print Date	02/04/2025 16:36
Start wavelength	1000nm	Number of data	401
End wavelength	200nm	K1	0,99
Unit		K0	0
Interval	2nm	K2	0
Calculate the Conc.	No	K3	0
Remark			

Figure



Detail

No.	Wavelength	Abs	Tran	Conc	Remark
1	1000	-0,0248	105,8732		
2	998	0,0036	99,1837		
3	996	0,004	99,089		
4	994	0,0036	99,1693		
5	992	0,0042	99,0268		

310	382	0,0058	98,6827		
311	380	0,0051	98,8255		
312	378	0,0049	98,8707		
313	376	0,005	98,8446		
314	374	0,0031	99,2949		
315	372	0,0051	98,8439		
316	370	0,005	98,8475		
317	368	0,0053	98,7933		
318	366	0,0046	98,9529		
319	364	0,0055	98,7361		
320	362	0,0048	98,8974		
321	360	0,0049	98,8734		
322	358	0,0047	98,9298		
323	356	0,0053	98,7898		
324	354	0,0042	99,0396		
325	352	0,0051	98,8232		
326	350	0,005	98,8609		
327	348	0,0047	98,9134		
328	346	0,0204	95,4142		
329	344	0,0048	98,8967		
330	342	0,0058	98,6832		
331	340	0,0046	98,9519		
332	338	-0,0003	100,0629		
333	336	0,0002	99,9521		
334	334	0,0004	99,9063		
335	332	0,0005	99,8819		
336	330	0,0007	99,8457		
337	328	0,0007	99,8486		
338	326	0,0001	99,9876		
339	324	0,0004	99,8972		
340	322	0,0001	99,9822		
341	320	0,0003	99,942		
342	318	-0,0004	100,0964		
343	316	0,0001	99,9666		
344	314	-0,0003	100,0764		
345	312	-0,0004	100,0857		
346	310	0,0008	99,8214		
347	308	0,0006	99,8546		

348	306	0,0002	99,9537		
349	304	0,0001	99,9796		
350	302	0,0004	99,9137		
351	300	0,0004	99,909		
352	298	-0,0001	100,0202		
353	296	0,0004	99,9192		
354	294	0,0003	99,9289		
355	292	0,0005	99,8922		
356	290	0,0005	99,8856		
357	288	0,0006	99,8682		
358	286	0,0004	99,8986		
359	284	0,0002	99,9568		
360	282	0,0003	99,9399		
361	280	0,0005	99,8949		
362	278	0,0001	99,9721		
363	276	0,0005	99,8872		
364	274	0,0001	99,9773		
365	272	-0,0003	100,0623		
366	270	0,0002	99,9437		
367	268	0,0008	99,8116		
368	266	0	100,0055		
369	264	0,0002	99,9569		
370	262	0,0003	99,9255		
371	260	-0,0003	100,0738		
372	258	0,0005	99,8955		
373	256	0,0003	99,9271		
374	254	-0,0004	100,0988		
375	252	-0,0002	100,0363		
376	250	0,0002	99,9428		
377	248	0,0001	99,9739		
378	246	0,0005	99,8845		
379	244	-0,0001	100,0266		
380	242	0	100,0108		
381	240	0,0001	99,9836		
382	238	-0,0001	100,0225		
383	236	0,0009	99,7965		
384	234	0,0004	99,9146		
385	232	0,0006	99,8582		

Photometric Analysis Report

Company	09 - Luz difusa		
Operator	anonymous	Test Time	02/04/2025 16:40
Document No.	Pht2504020008	Print Date	02/04/2025 16:40
Wavelength	360nm	K1	0,99
Unit		K0	0
Calculate the Conc.	No	K2	0
Number of samples	1	K3	0
Remark			

Detail

No.	Name	Abs	Tran	Conc	Remark
1	1#Sample	2,6782	0,2098		

MetaSpec 2.2