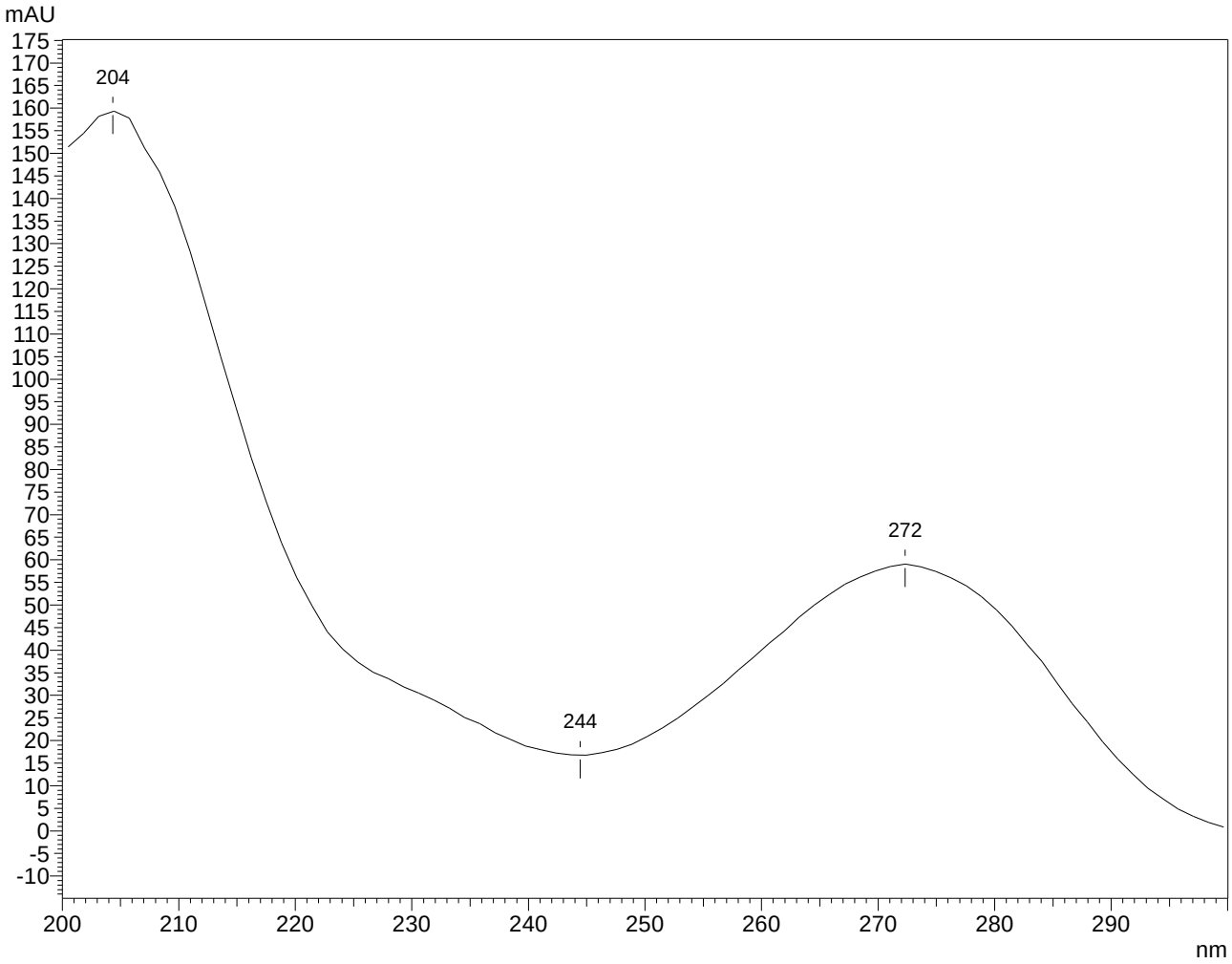
==== Shimadzu LabSolutions UV Spectrum ====

Qualificação_09102025_001.lcd



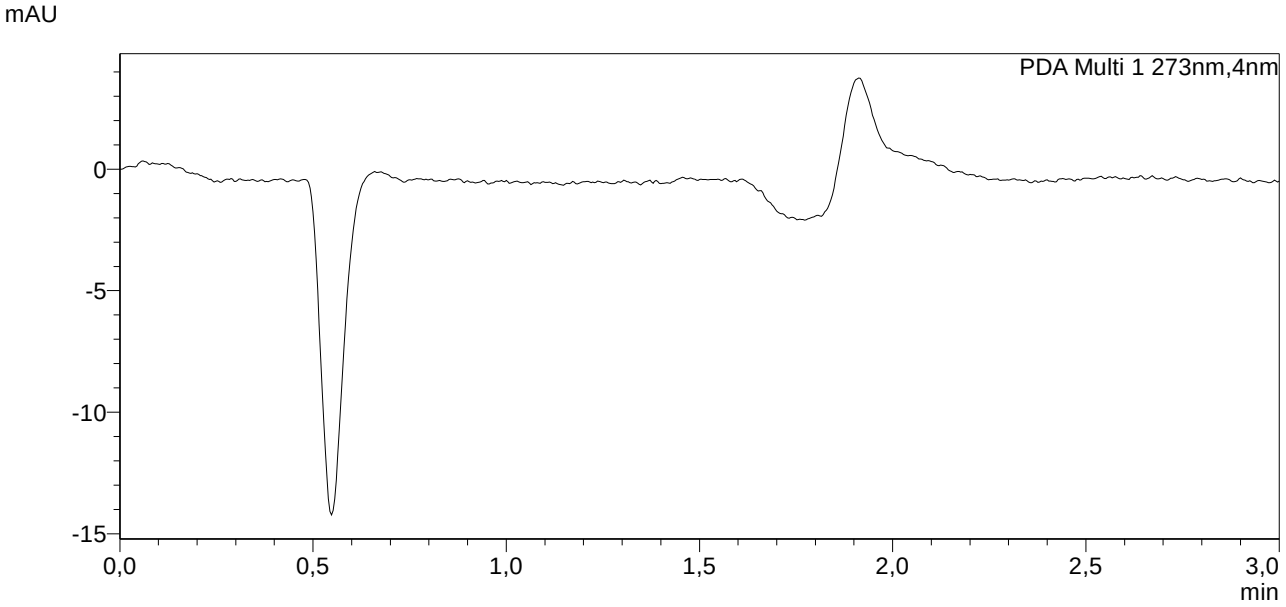
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 01		
Sample ID	: Branco 01		
Data Filename	: Qualificação_09102025_002.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 13:59:22	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:07:15	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

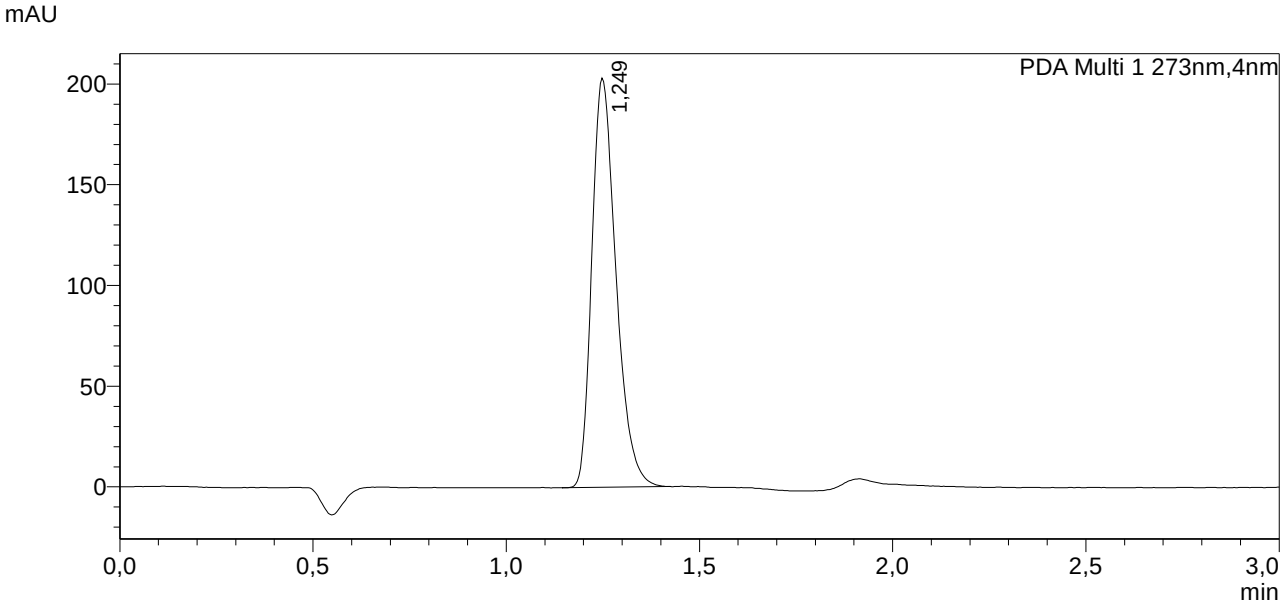
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 01		
Sample ID	: PCIN 01		
Data Filename	: Qualificação_09102025_003.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:02:46	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:09:49	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,249	883654	201821	0,000	mg/L		Cafeína
Total		883654	201821				

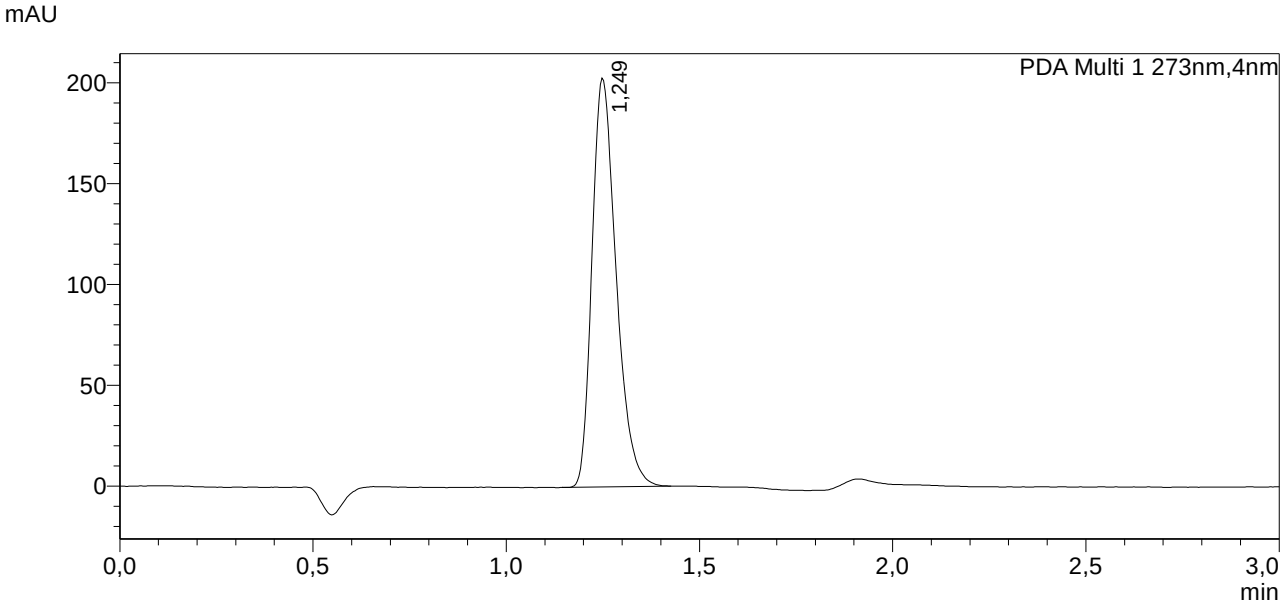
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 02		
Sample ID	: PCIN 02		
Data Filename	: Qualificação_09102025_004.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:06:12	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:10:33	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,249	880999	201227	0,000	mg/L		Cafeína
Total		880999	201227				

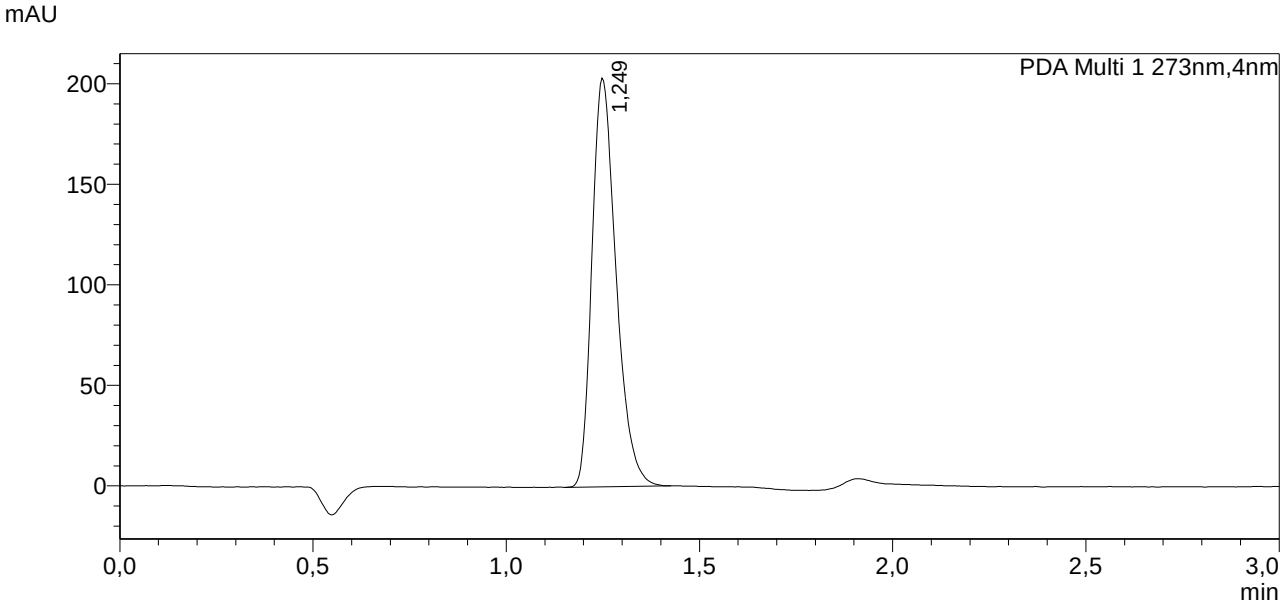
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 03		
Sample ID	: PCIN 03		
Data Filename	: Qualificação_09102025_005.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:09:37	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:11:11	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,249	882554	201766	0,000	mg/L		Cafeína
Total		882554	201766				

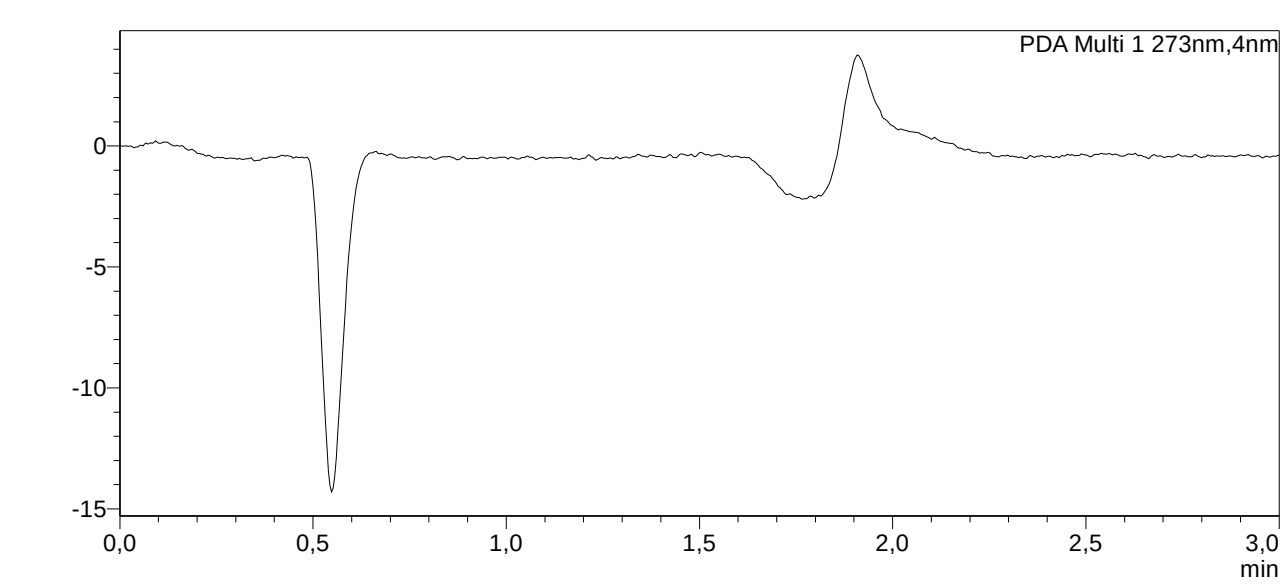
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 02		
Sample ID	: Branco 02		
Data Filename	: Qualificação_09102025_006.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:13:03	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:11:39	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

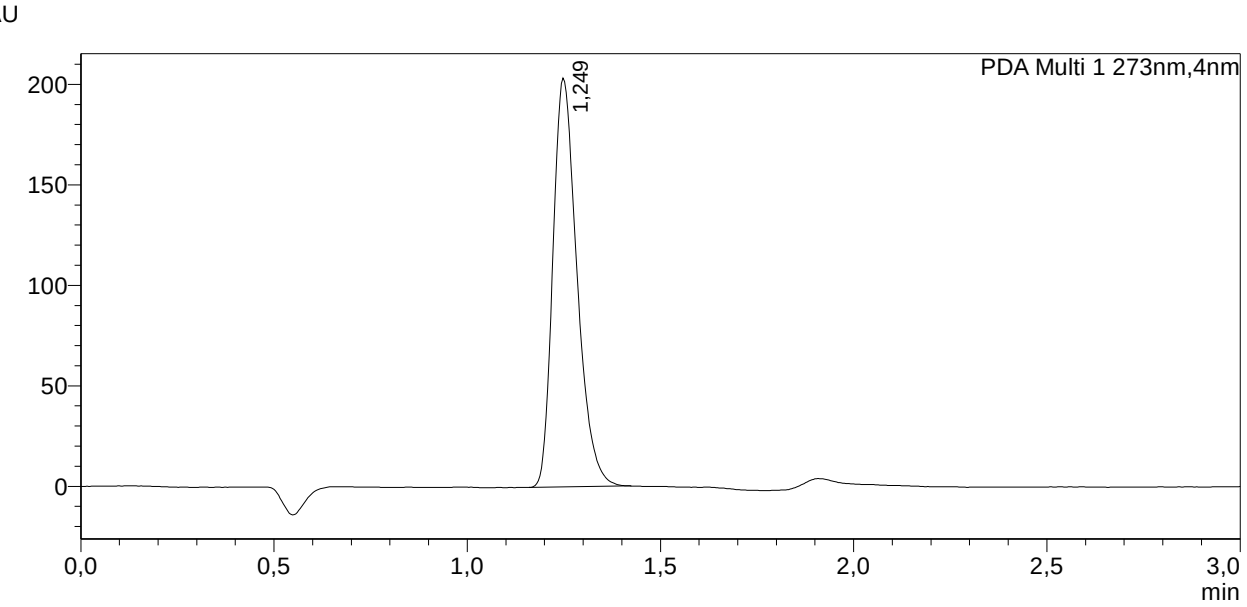
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 04		
Sample ID	: PCIN 04		
Data Filename	: Qualificação_09102025_007.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:16:28	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:12:09	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,249	882680	202096	0,000	mg/L		Cafeína
Total		882680	202096				

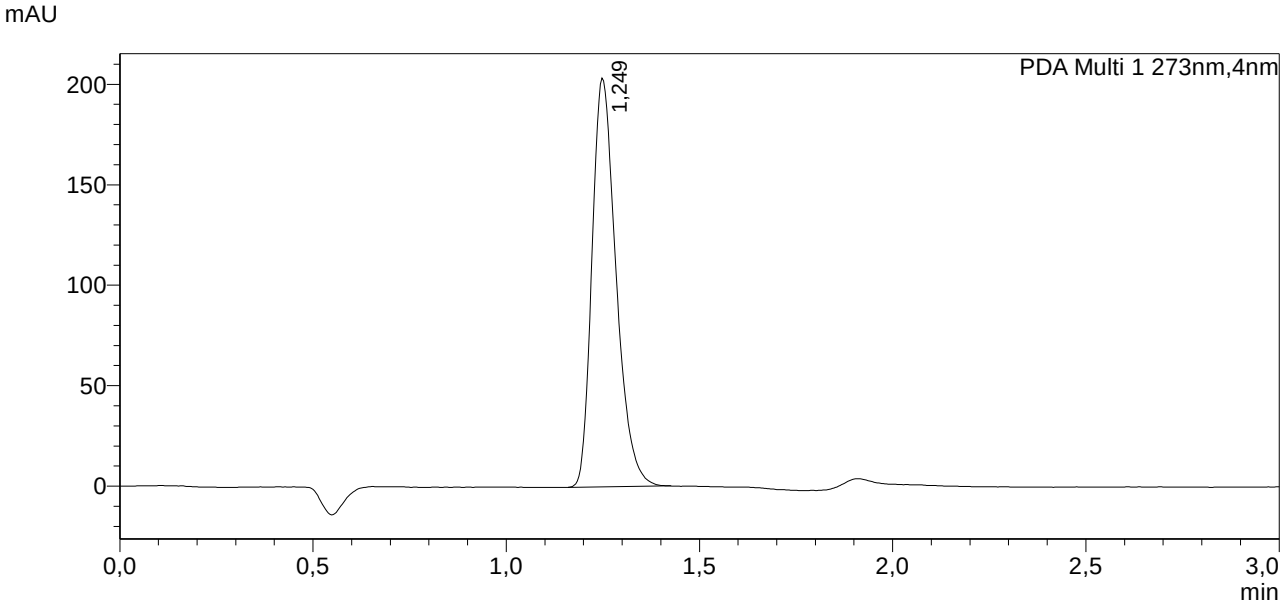
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 05		
Sample ID	: PCIN 05		
Data Filename	: Qualificação_09102025_008.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:19:54	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:13:21	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,249	881625	201944	0,000	mg/L		Cafeína
Total		881625	201944				

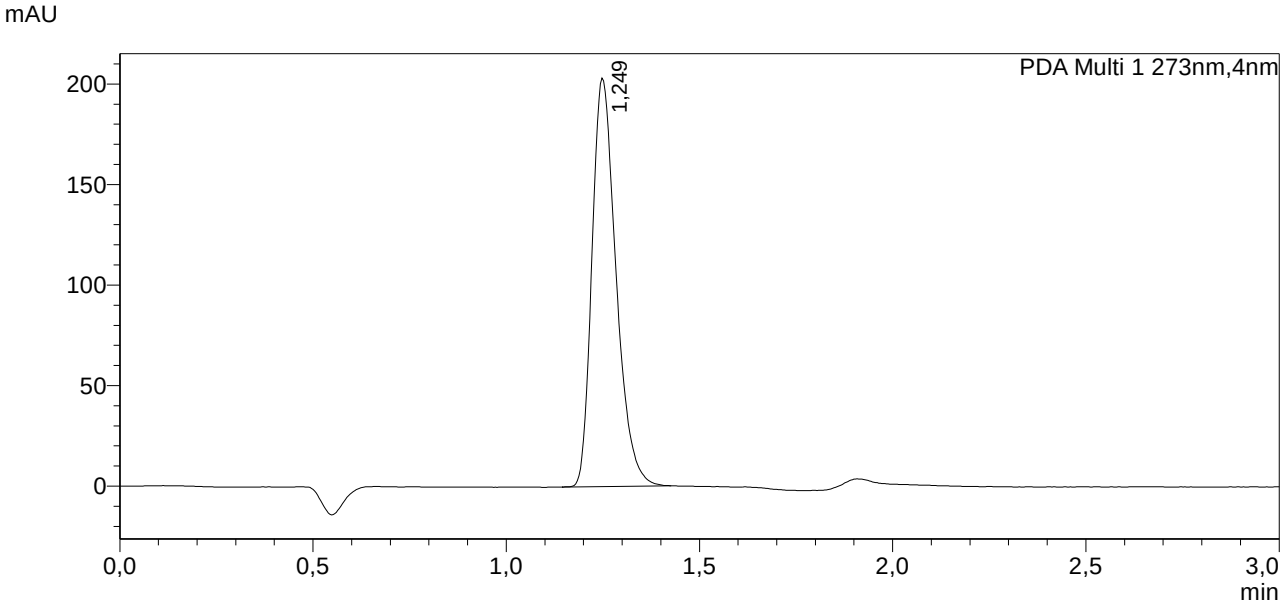
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 06		
Sample ID	: PCIN 06		
Data Filename	: Qualificação_09102025_009.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:23:19	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:14:42	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,249	880636	201748	0,000	mg/L		Cafeína
Total		880636	201748				

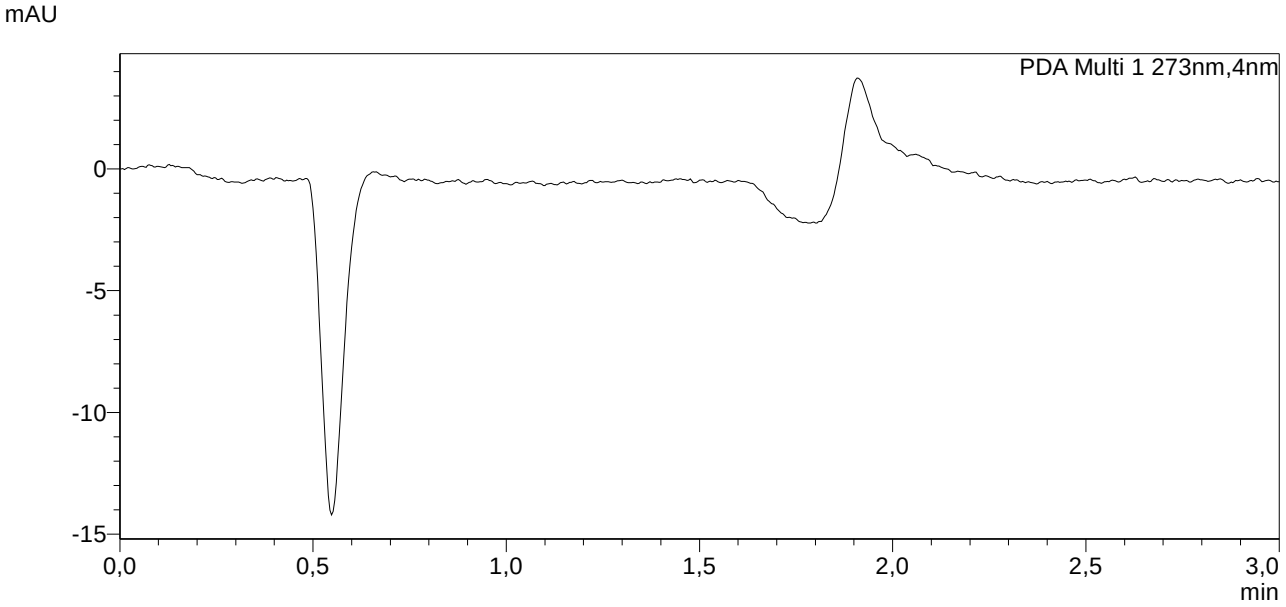
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 03		
Sample ID	: Branco 03		
Data Filename	: Qualificação_09102025_010.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:26:44	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:15:07	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

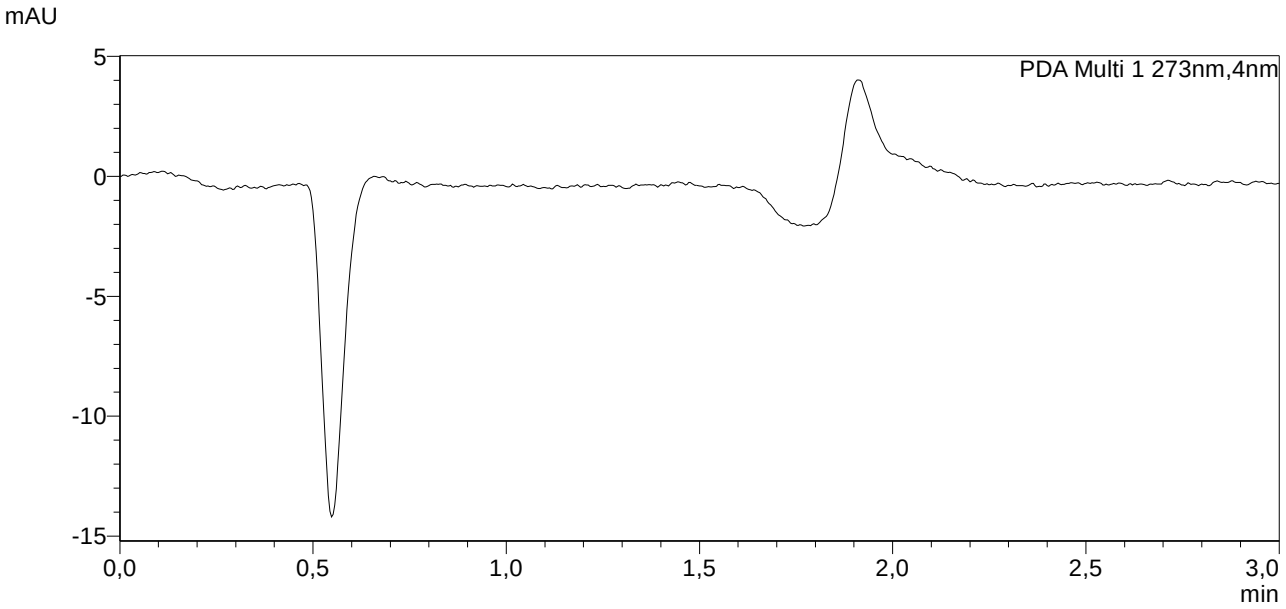
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 01		
Sample ID	: LDUV 01		
Data Filename	: Qualificação_09102025_011.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-4	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:30:10	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:15:34	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

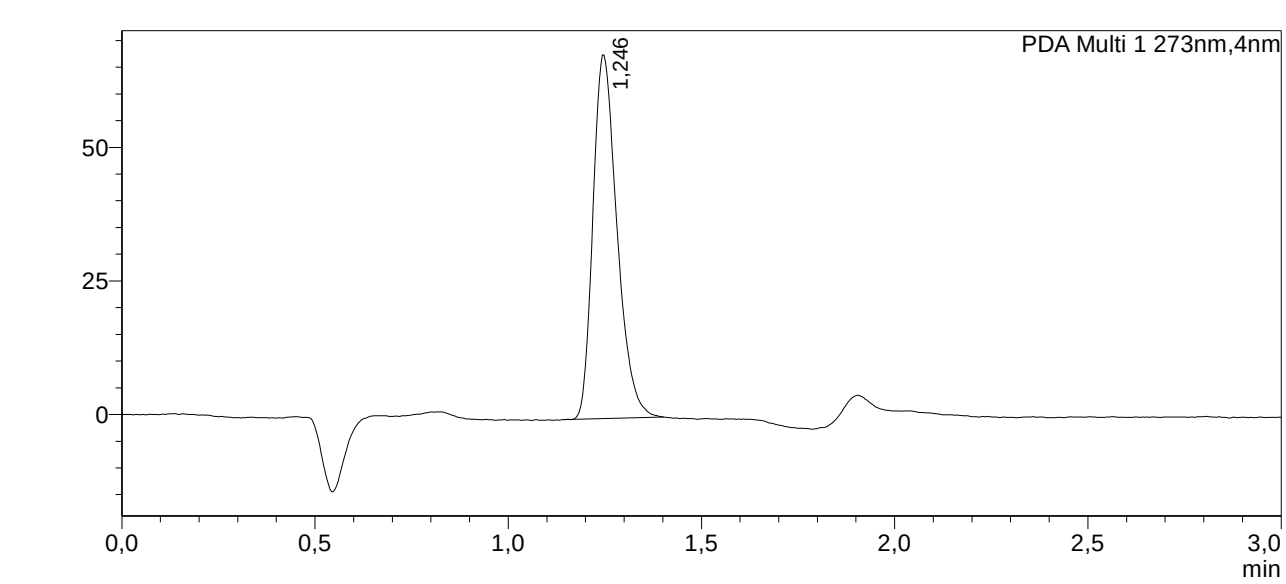
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 02		
Sample ID	: LDUV 02		
Data Filename	: Qualificação_09102025_012.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-5	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:33:34	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:16:13	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,246	295056	68044	0,000	mg/L		Cafeína
Total		295056	68044				

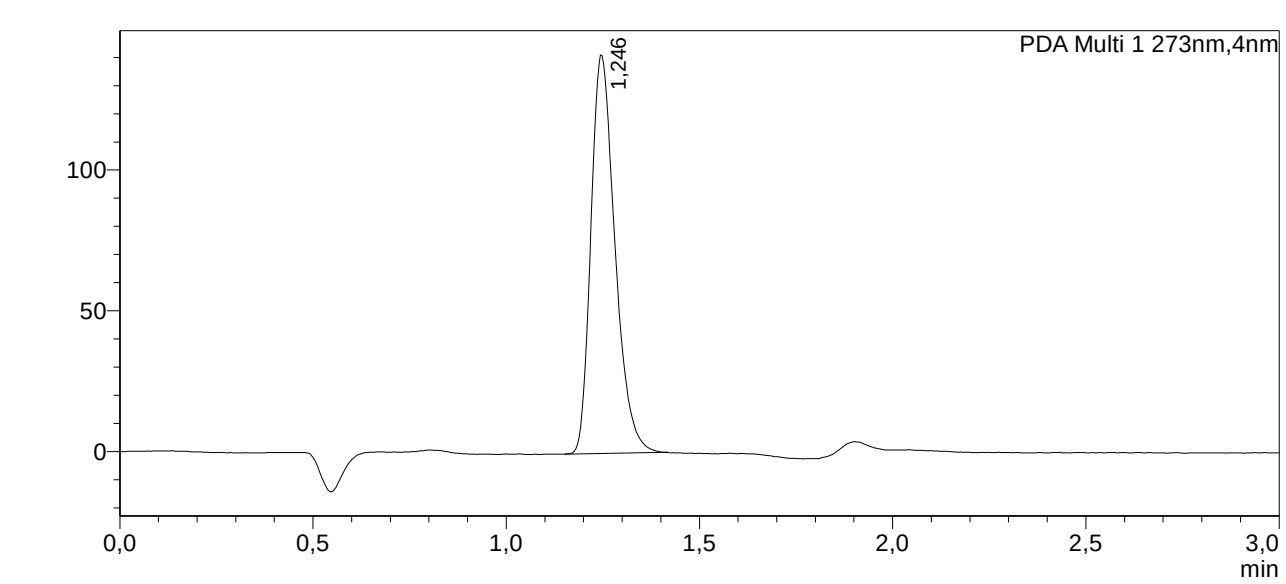
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 03		
Sample ID	: LDUV 03		
Data Filename	: Qualificação_09102025_013.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-6	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:36:58	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:16:49	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,246	613622	141483	0,000	mg/L		Cafeína
Total		613622	141483				

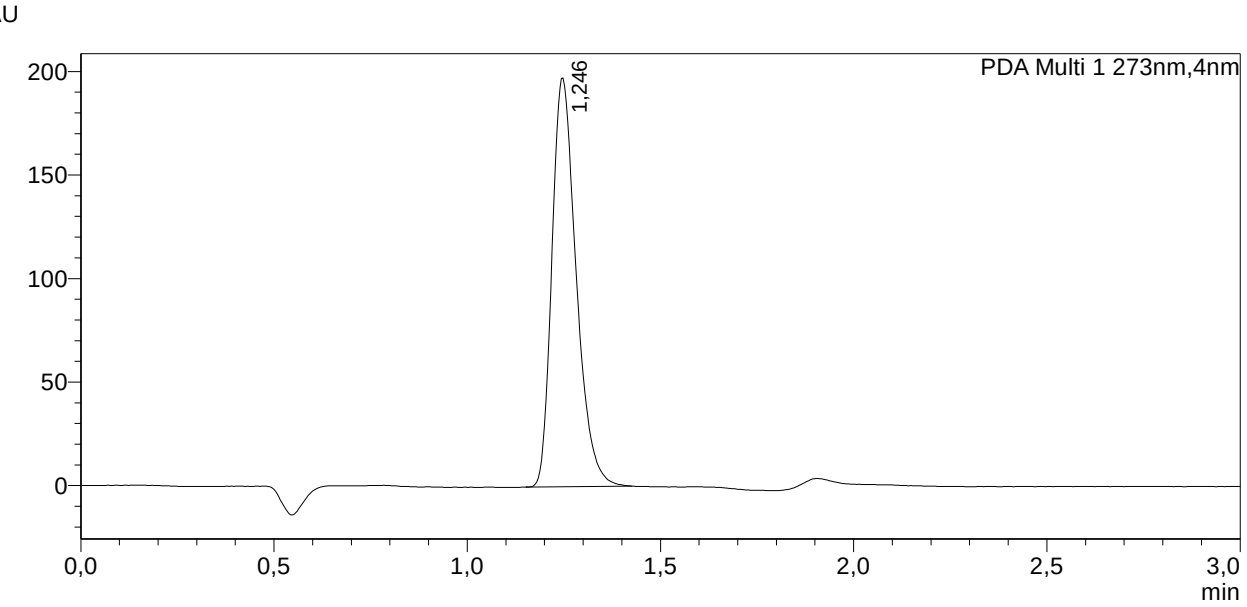
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 04		
Sample ID	: LDUV 04		
Data Filename	: Qualificação_09102025_014.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-7	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:40:22	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:17:29	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,246	862040	197278	0,000	mg/L		Cafeína
Total		862040	197278				

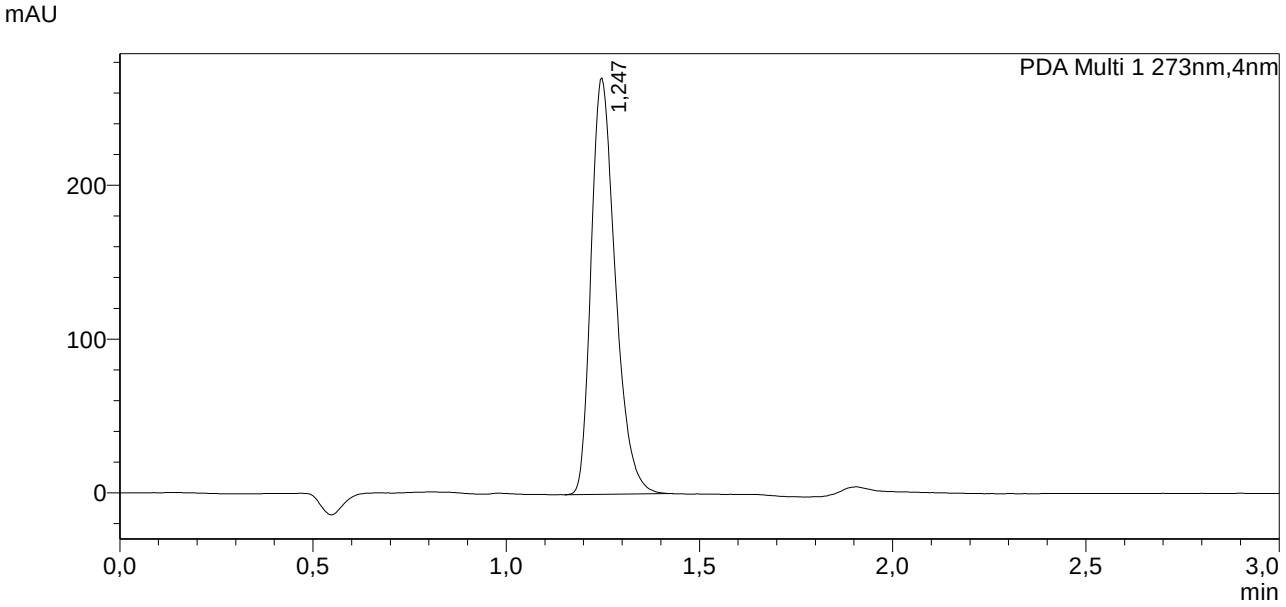
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 05		
Sample ID	: LDUV 05		
Data Filename	: Qualificação_09102025_015.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-8	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 14:43:46	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:18:18	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,247	1179694	270134	0,000	mg/L		Cafeína
Total		1179694	270134				

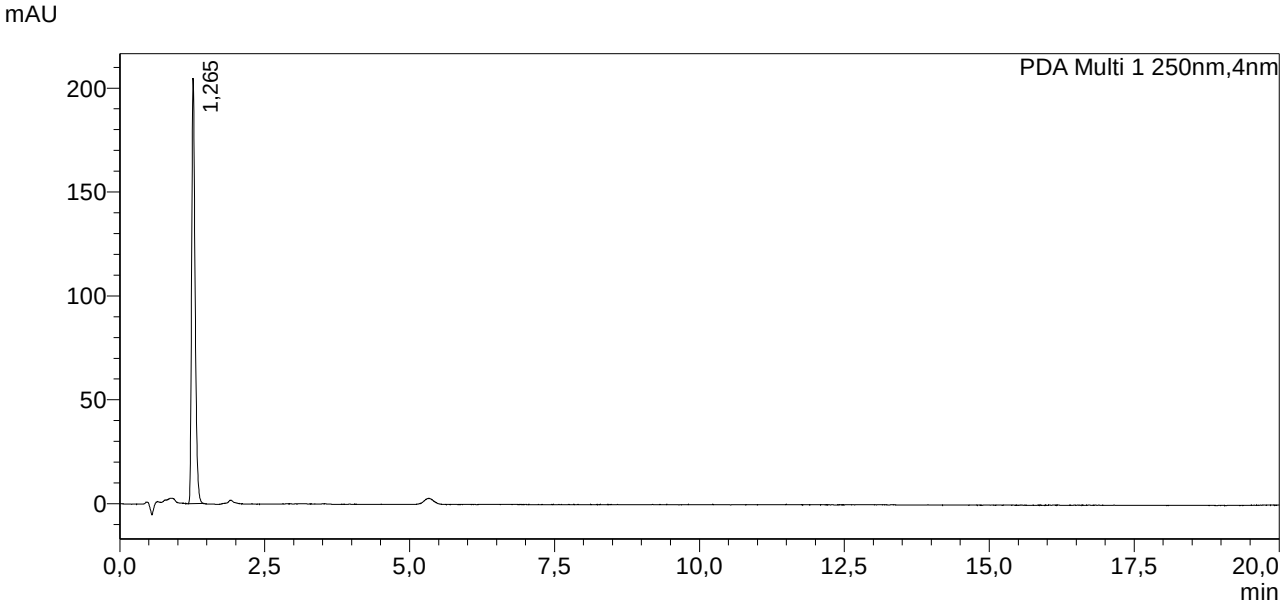
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: RELB 01		
Sample ID	: RELB 01		
Data Filename	: Qualificação_09102025_016.lcd		
Method Filename	: RELB.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-9	Sample Type	: Unknown
Injection Volume	: 20 uL		
Date Acquired	: 09/10/2025 14:47:18	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:30:12	Processed by	: Caroline Micalli

<Chromatogram>

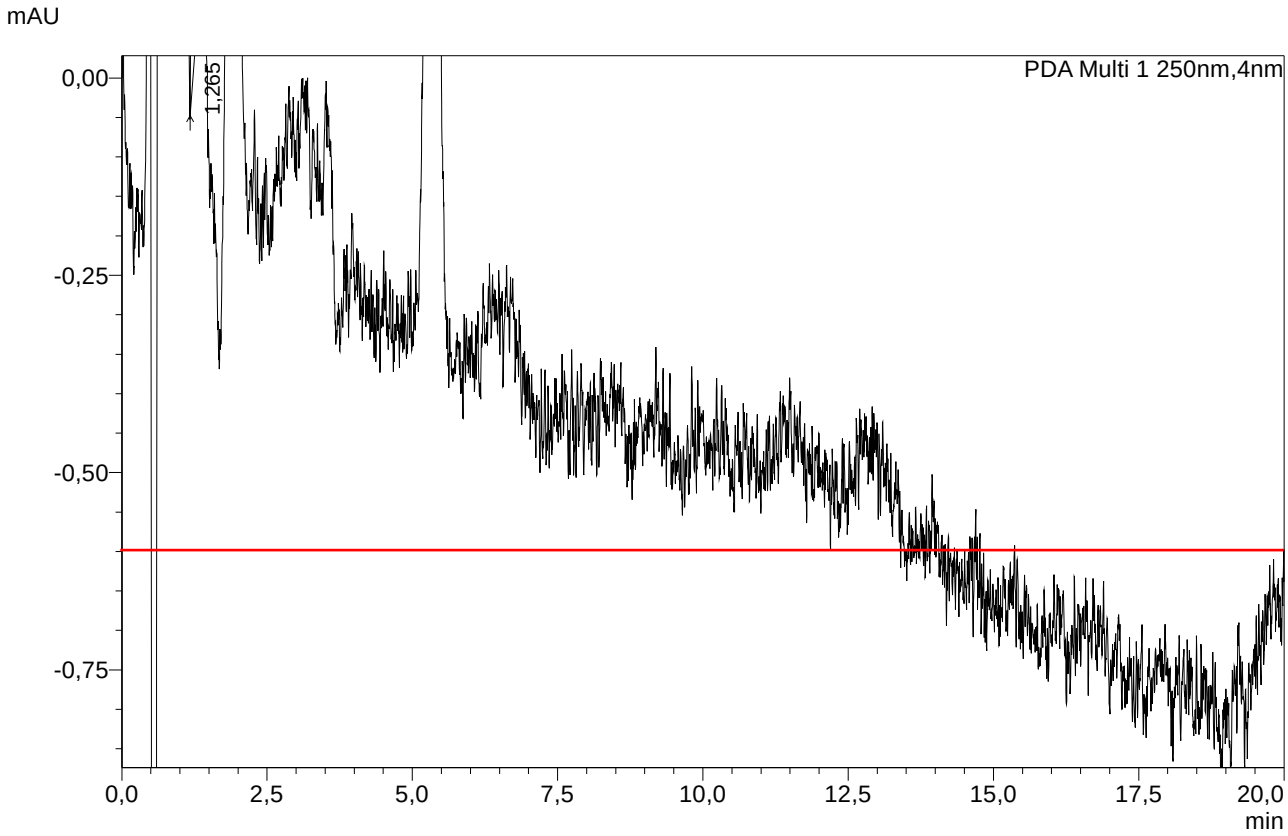


<Peak Table>

PDA Ch1 250nm

Peak#	Ret. Time	Area	Height	Name	S/N	Noise
1	1,265	850978	202969	Cafeína	5236,78	38,76
Total		850978	202969			

==== Shimadzu LabSolutions Multi-Chromatogram ====



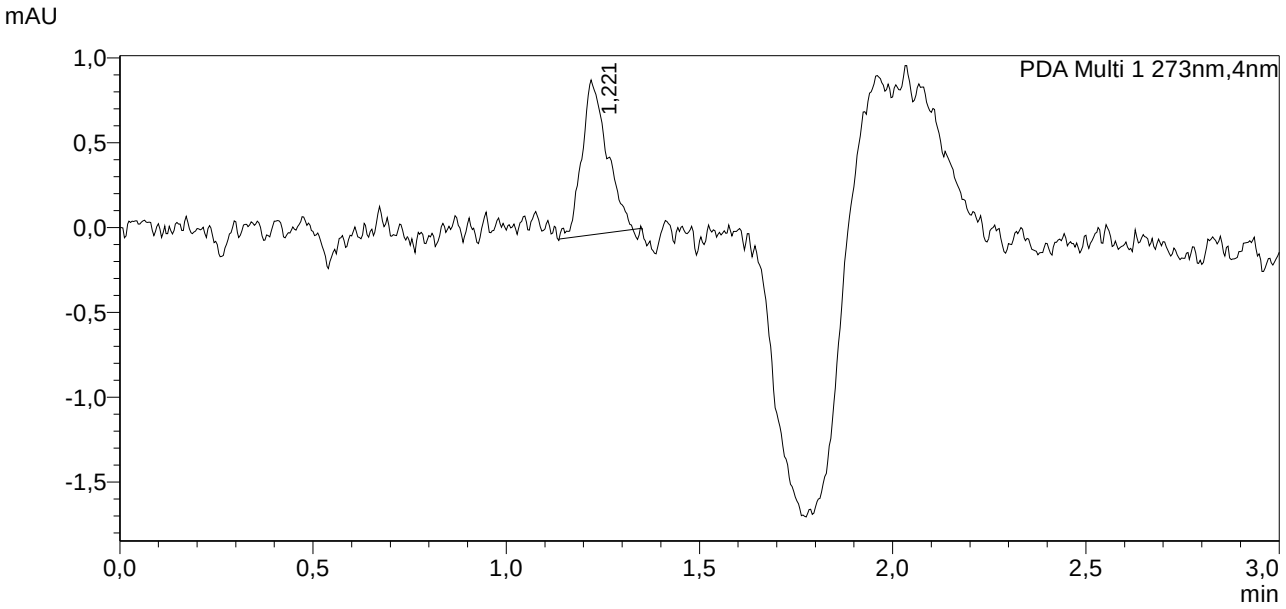
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 01		
Sample ID	: LIIN 01		
Data Filename	: Qualificação_09102025_017.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-10	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 09/10/2025 15:07:46	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:32:34	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,221	4136	896	0,000	mg/L	M	Cafeína
Total		4136	896				

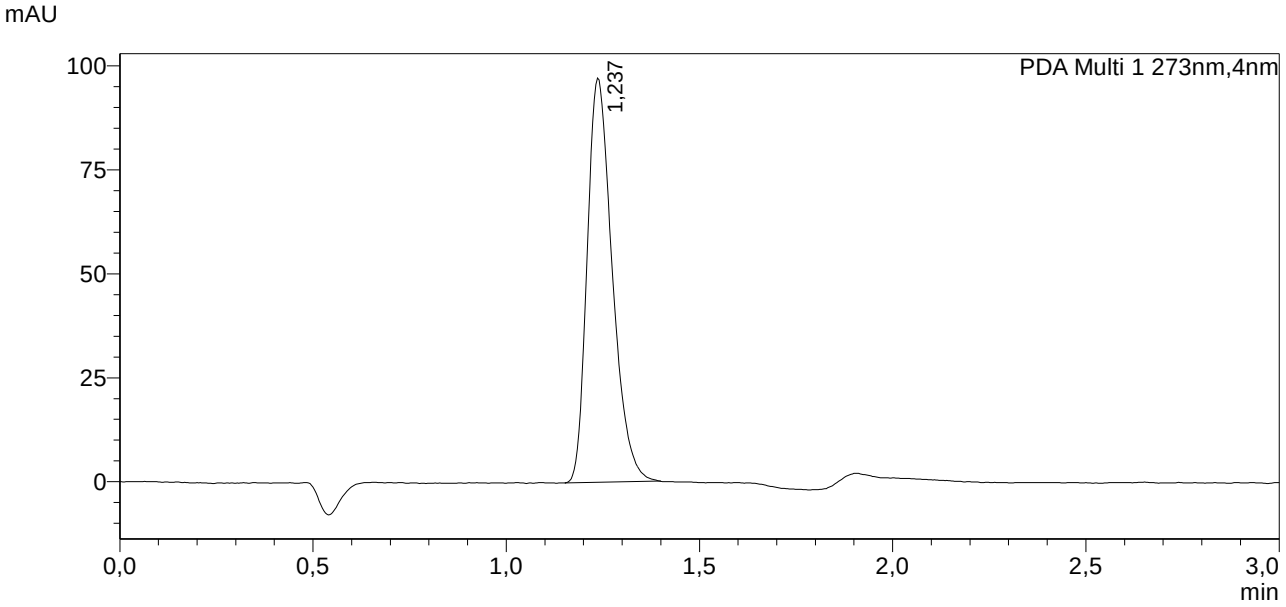
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 02		
Sample ID	: LIIN 02		
Data Filename	: Qualificação_09102025_018.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-10	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 09/10/2025 15:11:10	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:33:05	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,237	439570	96957	0,000	mg/L		Cafeína
Total		439570	96957				

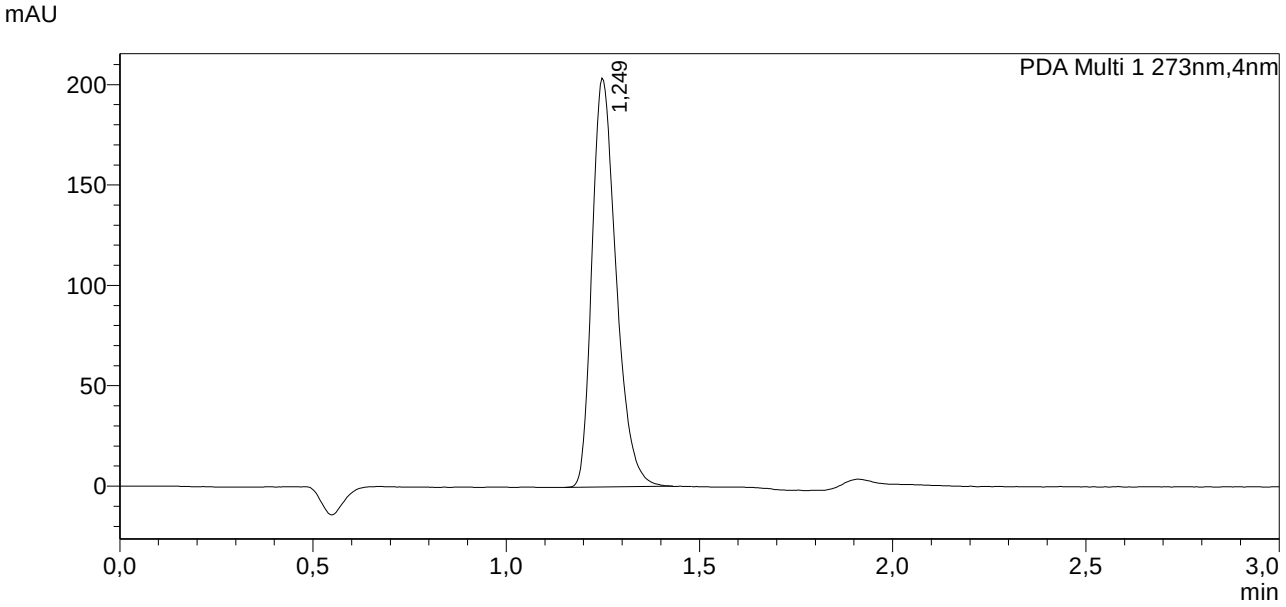
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 03		
Sample ID	: LIIN 03		
Data Filename	: Qualificação_09102025_019.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-10	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 09/10/2025 15:14:35	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:33:47	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,249	886095	202109	0,000	mg/L		Cafeína
Total		886095	202109				

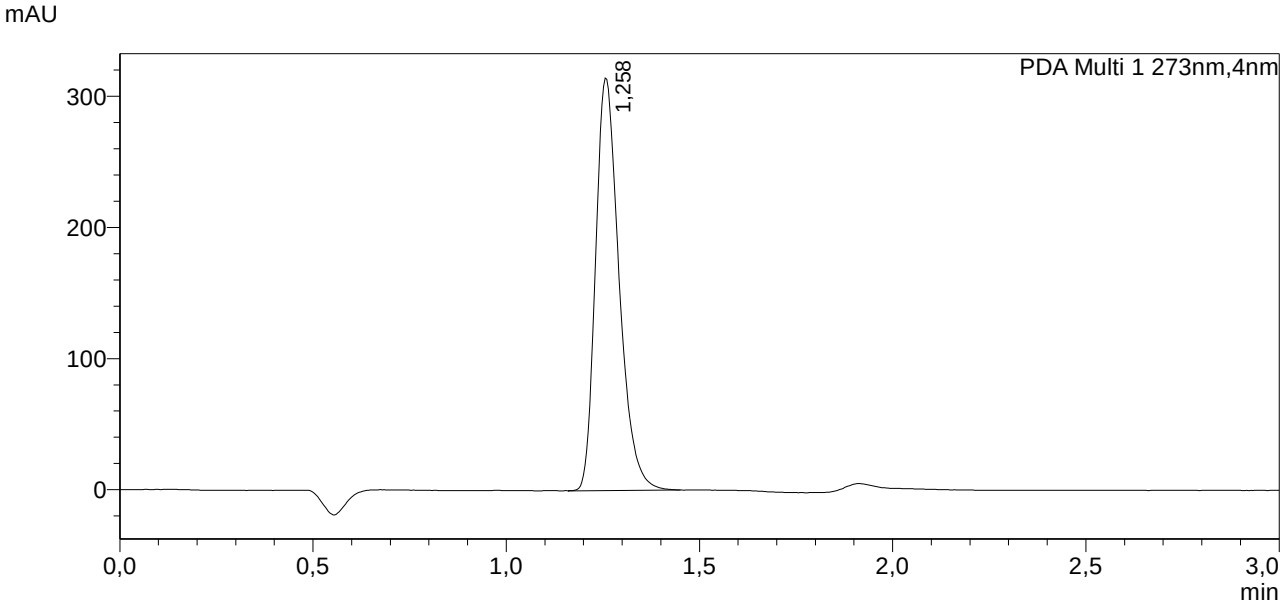
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 04		
Sample ID	: LIIN 04		
Data Filename	: Qualificação_09102025_020.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-10	Sample Type	: Unknown
Injection Volume	: 15 uL		
Date Acquired	: 09/10/2025 15:18:01	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 10:34:30	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,258	1332491	311303	0,000	mg/L		Cafeína
Total		1332491	311303				

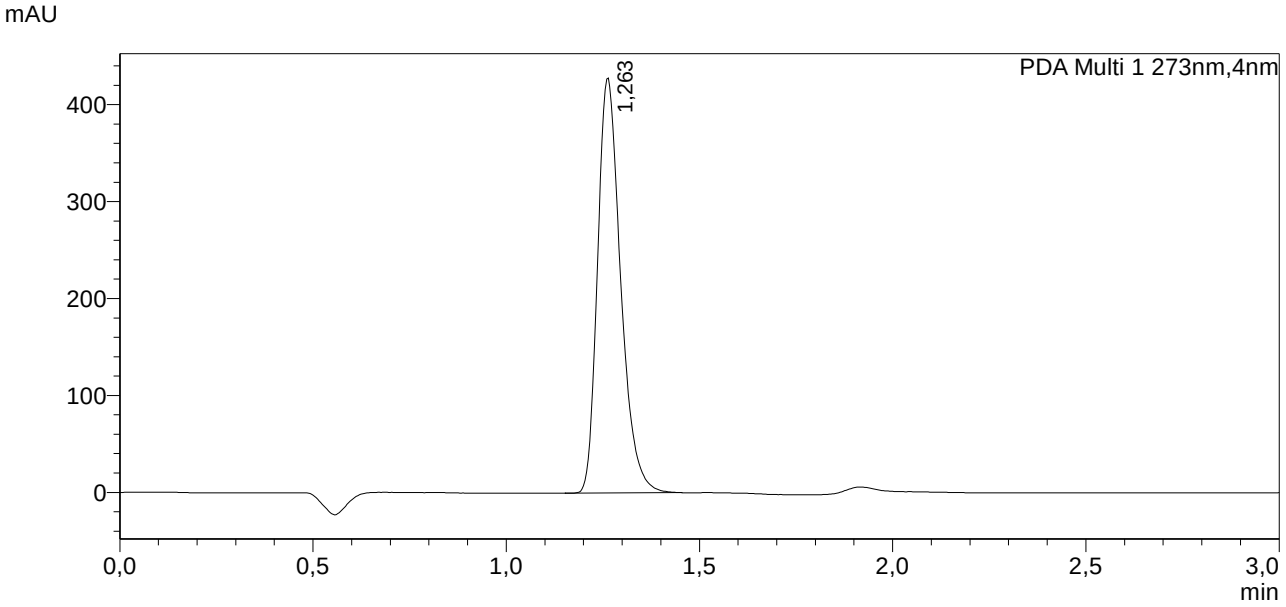
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 05		
Sample ID	: LIIN 05		
Data Filename	: Qualificação_09102025_021.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 2-10	Sample Type	: Unknown
Injection Volume	: 20 uL		
Date Acquired	: 09/10/2025 15:21:28	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 11:32:10	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,263	1780769	427640	0,000	mg/L		Cafeína
Total		1780769	427640				

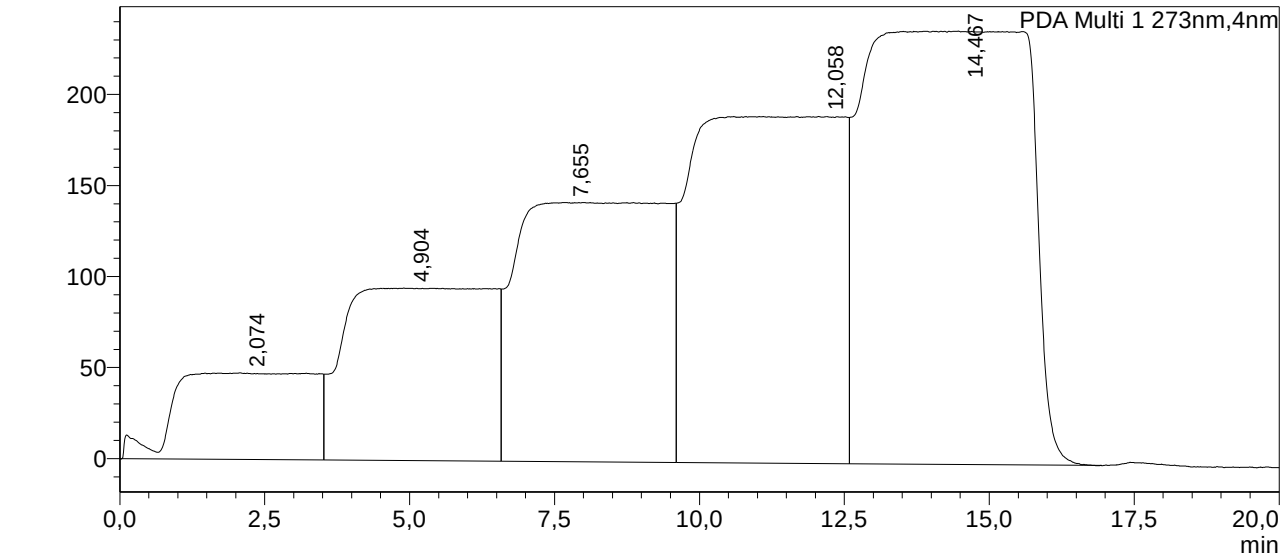
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Gradiente AB		
Sample ID	: Gradiente AB		
Data Filename	: Gradiente AB001.lcd		
Method Filename	: Gradiente AB.lcm		
Batch Filename	:		
Vial #	: 2-2	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 10/10/2025 11:05:00	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 11:35:50	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	2,074	7812525	47567	0,000	mg/Kg	M	20%
2	4,904	16343316	94725	0,000	mg/Kg	V M	40%
3	7,655	24914551	142379	0,000	mg/Kg	V M	60%
4	12,058	33290011	190594	0,000	mg/Kg	V M	80%
5	14,467	46226334	238002	0,000	mg/Kg	V M	100%
Total		128586737	713267				

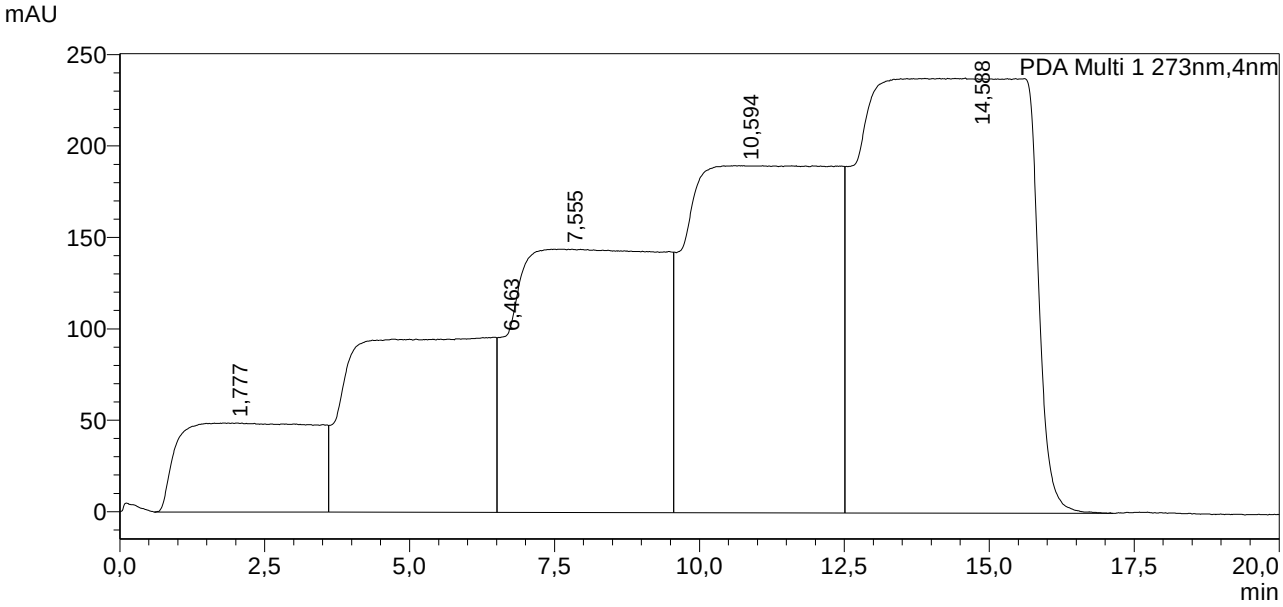
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Gradiente CD		
Sample ID	: Gradiente CD		
Data Filename	: Gradiente CD001.lcd		
Method Filename	: Gradiente CD.lcm		
Batch Filename	:		
Vial #	: 2-2	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 10/10/2025 11:27:43	Acquired by	: Caroline Micalli
Date Processed	: 10/10/2025 11:56:23	Processed by	: Caroline Micalli

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,777	7844378	48721	0,000	mg/Kg	M	20%
2	6,463	15697533	95862	0,000	mg/Kg	V M	40%
3	7,555	25196490	144069	0,000	mg/Kg	V M	60%
4	10,594	32718580	189840	0,000	mg/Kg	V M	80%
5	14,588	46950392	237930	0,000	mg/Kg	V M	100%
Total		128407373	716420				