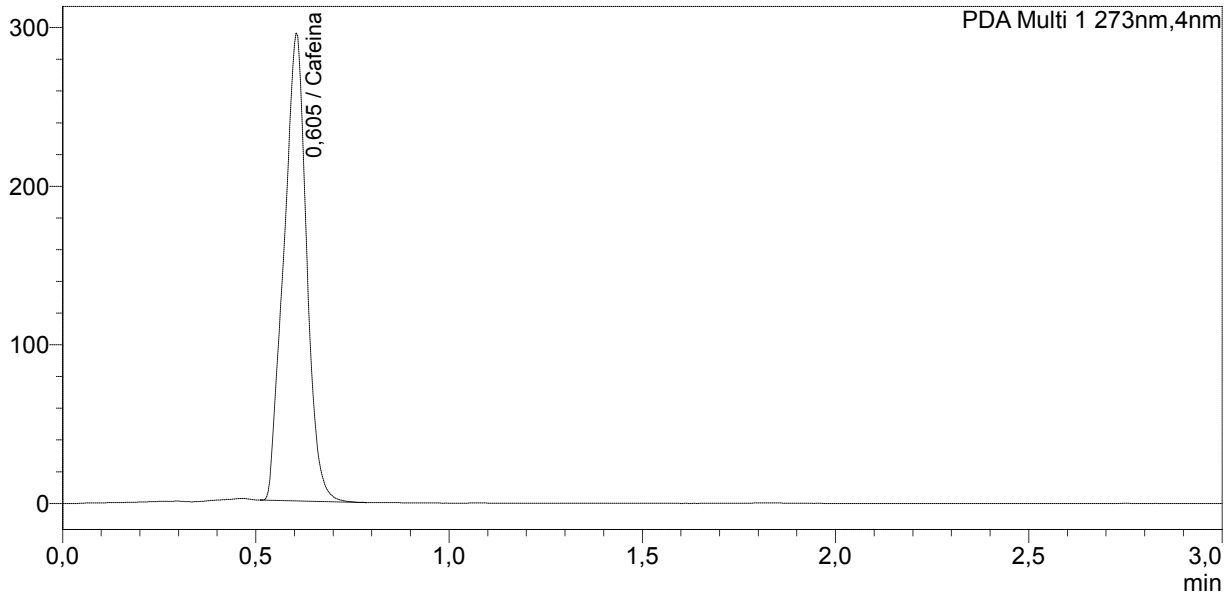
==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LDUV 05		
Sample ID	: LDUV 05		
Data Filename	: Qualificação_14102025_005.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-8	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 14/10/2025 11:12:13	Acquired by	: QPackSA
Date Processed	: 14/10/2025 11:48:04	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

PDA

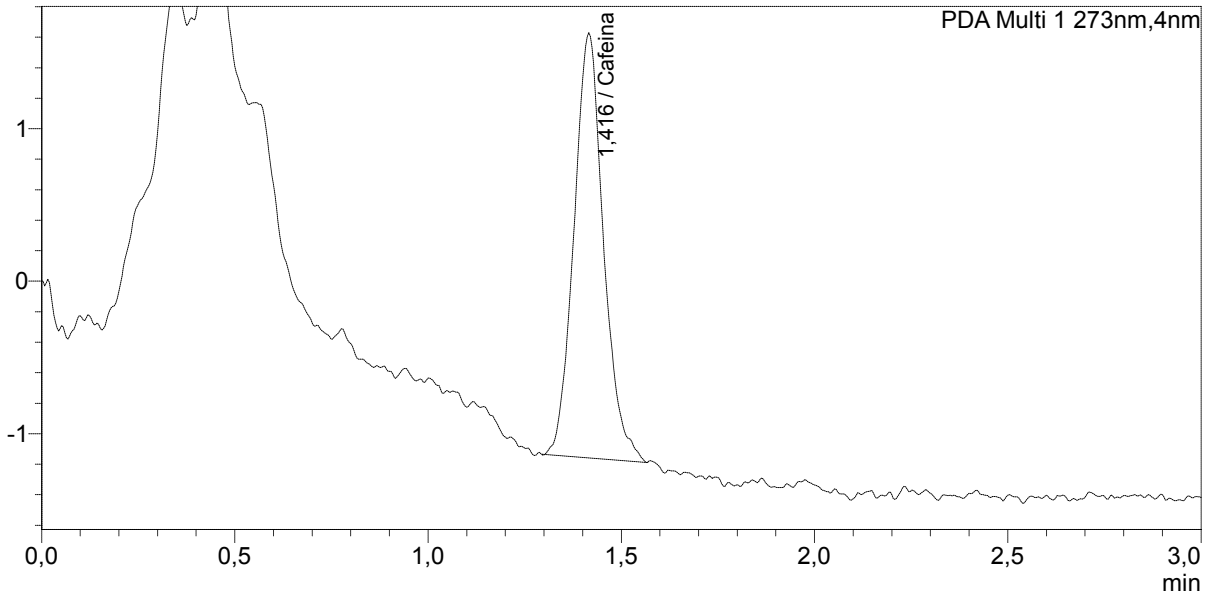
ID#	Name	Ret. Time	Area
1	Cafeina	0,605	1200896

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LIIN 01		
Sample ID	: LIIN 01		
Data Filename	: Qualificação_14102025_001.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-10	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 14/10/2025 14:56:20	Acquired by	: QPackSA
Date Processed	: 14/10/2025 15:24:32	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

PDA

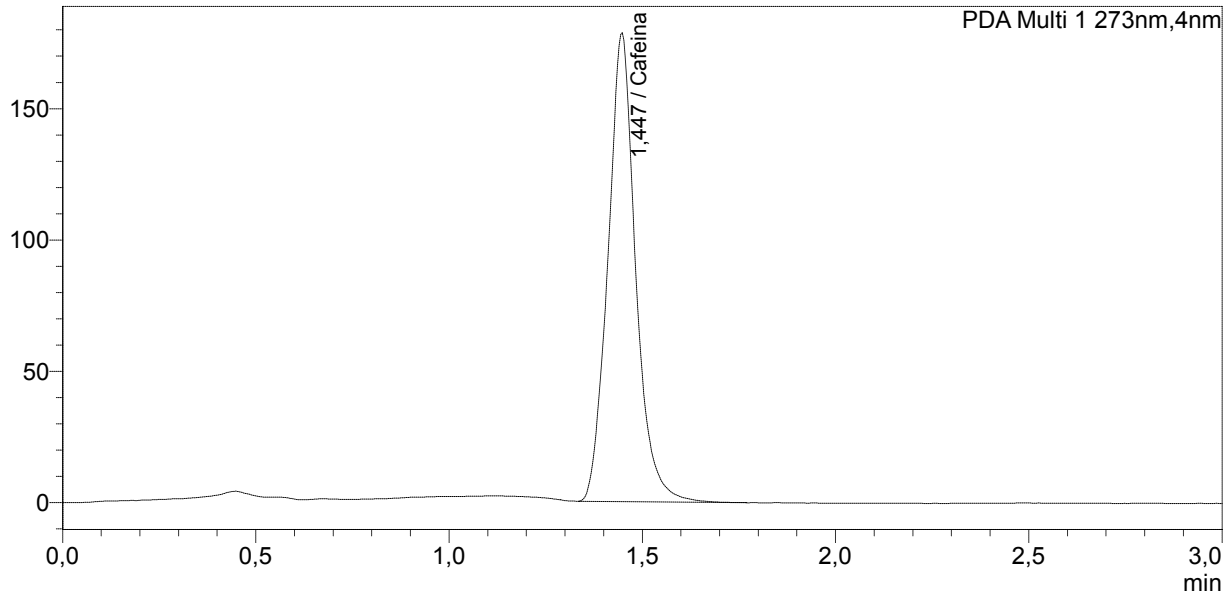
ID#	Name	Ret. Time	Area
1	Cafeina	1,416	14790

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LIIN 02		
Sample ID	: LIIN 02		
Data Filename	: Qualificação_14102025_002.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-10	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 14/10/2025 14:59:33	Acquired by	: QPackSA
Date Processed	: 14/10/2025 15:26:25	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

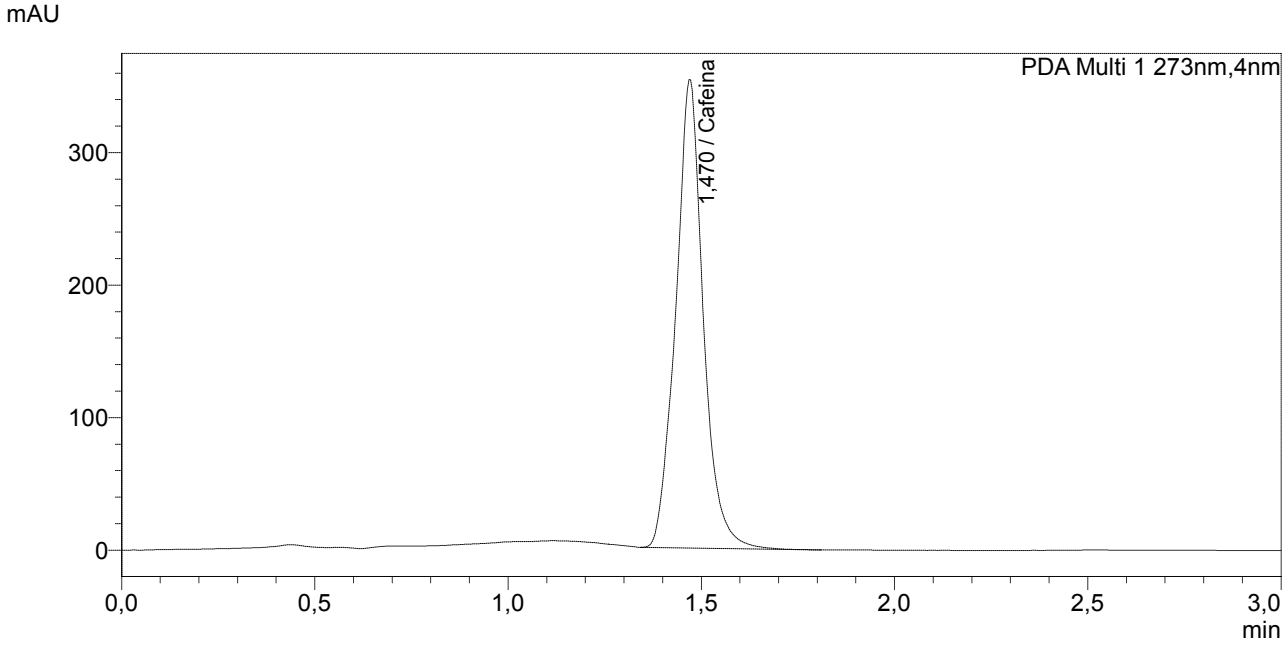
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	1,447	889258

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LIIN 03		
Sample ID	: LIIN 03		
Data Filename	: Qualificação_14102025_003.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-10	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 14/10/2025 15:02:47	Acquired by	: QPackSA
Date Processed	: 14/10/2025 15:28:15	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

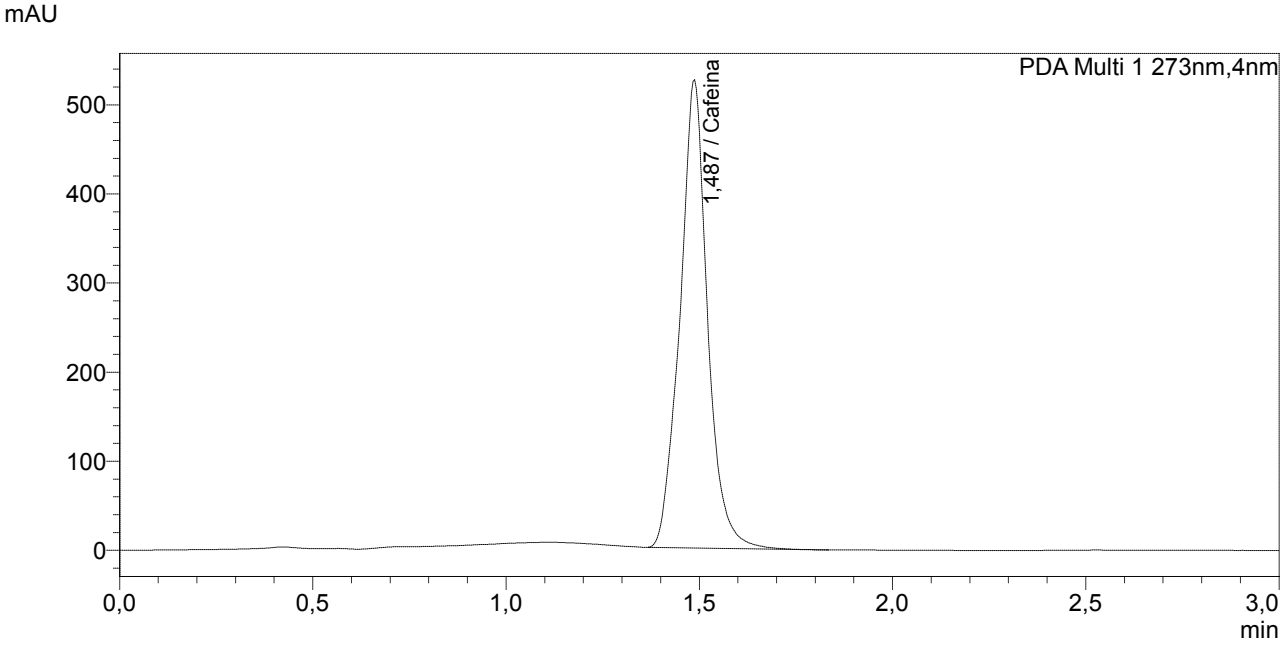
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	1,470	1749237

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LIIN 04		
Sample ID	: LIIN 04		
Data Filename	: Qualificação_14102025_004.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-10	Sample Type	: Unknown
Injection Volume	: 15 uL		
Date Acquired	: 14/10/2025 15:06:00	Acquired by	: QPackSA
Date Processed	: 14/10/2025 15:28:42	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

PDA

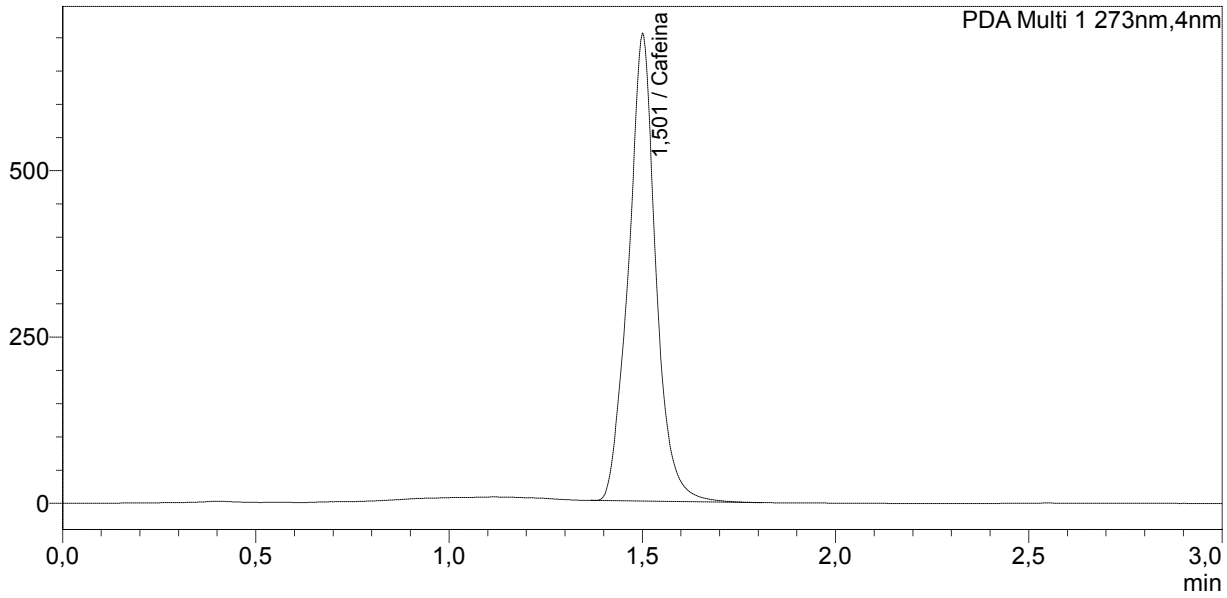
ID#	Name	Ret. Time	Area
1	Cafeina	1,487	2596624

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LIIN 05		
Sample ID	: LIIN 05		
Data Filename	: Qualificação_14102025_005.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-10	Sample Type	: Unknown
Injection Volume	: 20 uL		
Date Acquired	: 14/10/2025 15:09:16	Acquired by	: QPackSA
Date Processed	: 14/10/2025 15:29:02	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

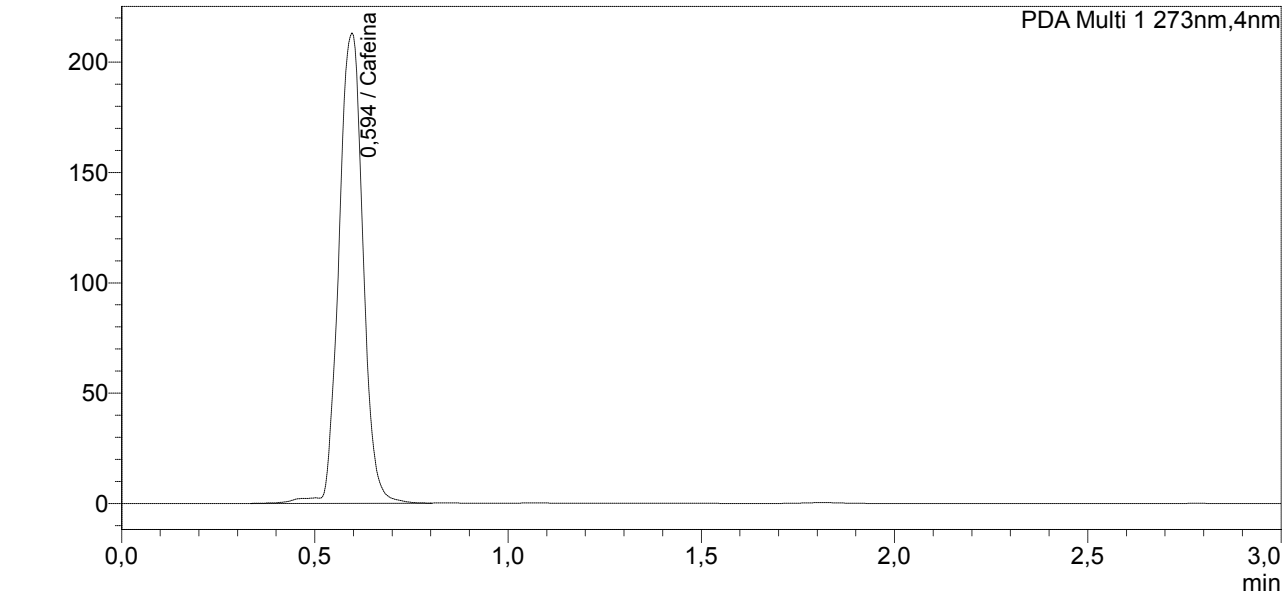
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	1,501	3461775

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: PCIN 01		
Sample ID	: PCIN 01		
Data Filename	: Qualificação_13102025_003.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 12:55:58	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:33	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

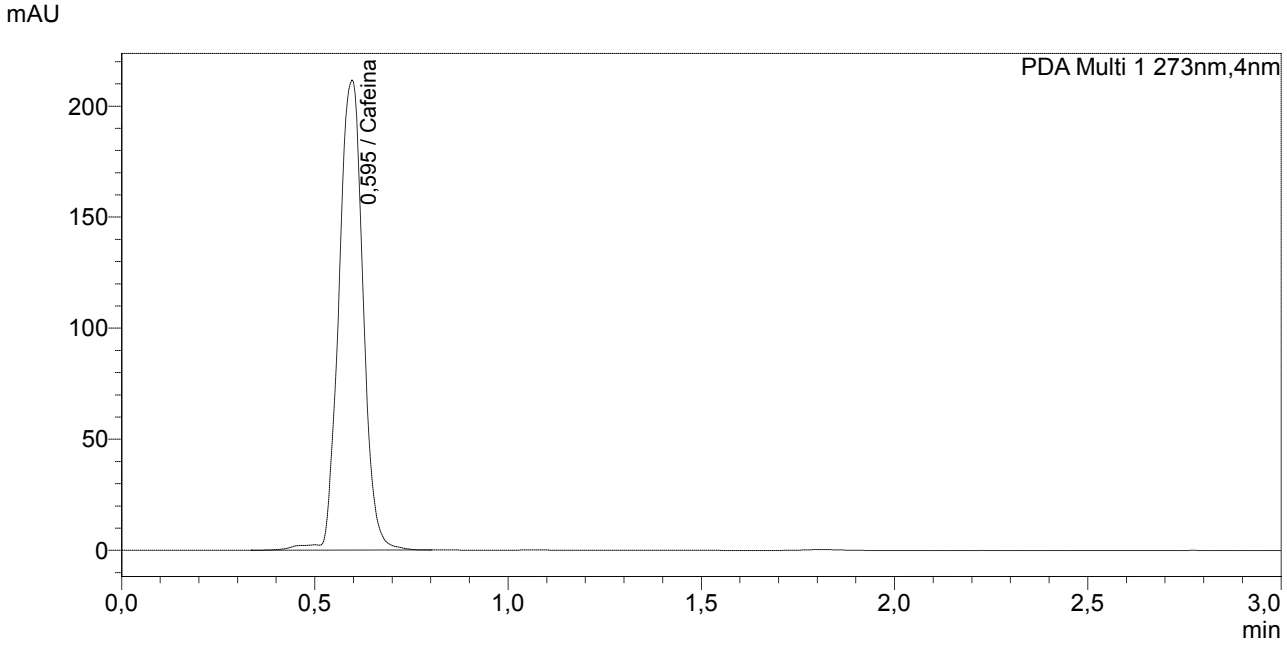
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,594	924410

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: PCIN 02		
Sample ID	: PCIN 02		
Data Filename	: Qualificação_13102025_004.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 13:02:55	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:37	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

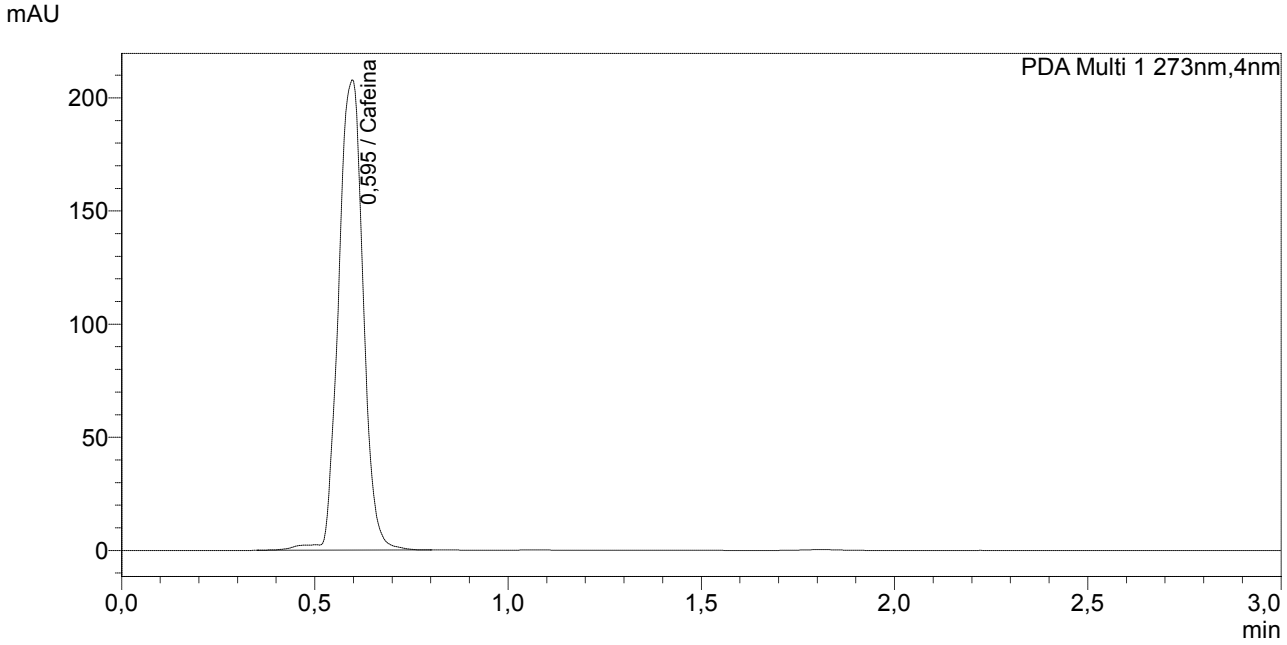
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,595	923529

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: PCIN 03		
Sample ID	: PCIN 03		
Data Filename	: Qualificação_13102025_005.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 13:09:51	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:40	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

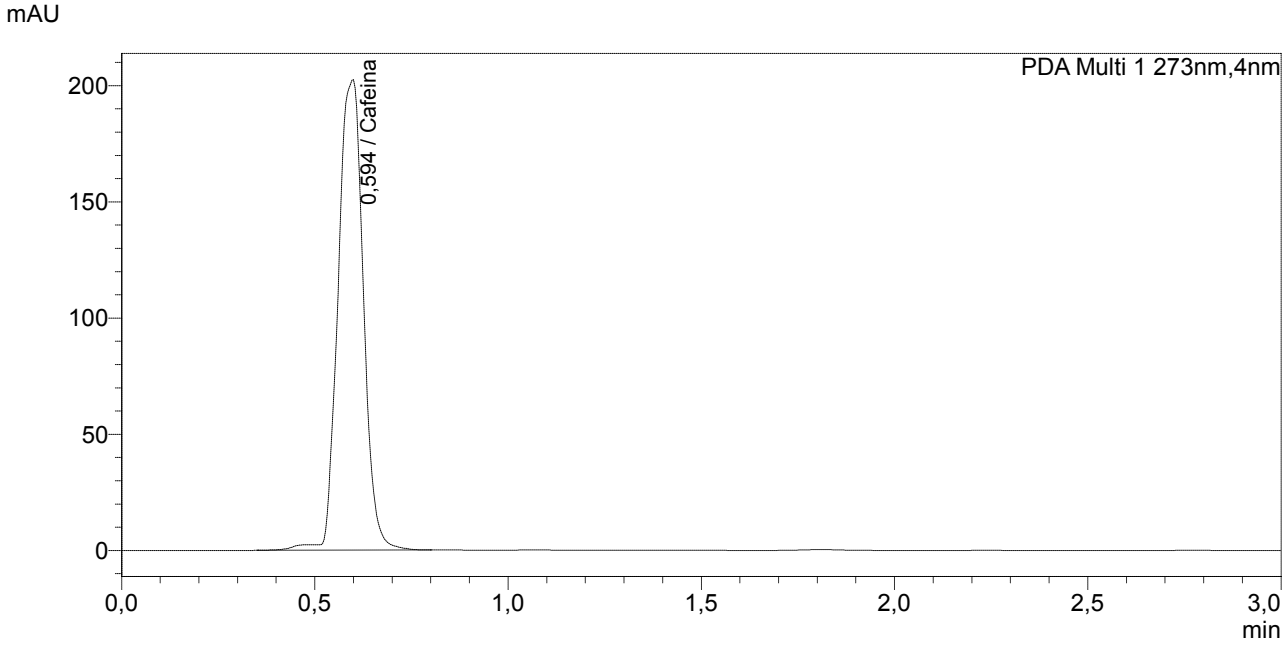
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,595	921885

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: PCIN 04		
Sample ID	: PCIN 04		
Data Filename	: Qualificação_13102025_007.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 13:23:47	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:47	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

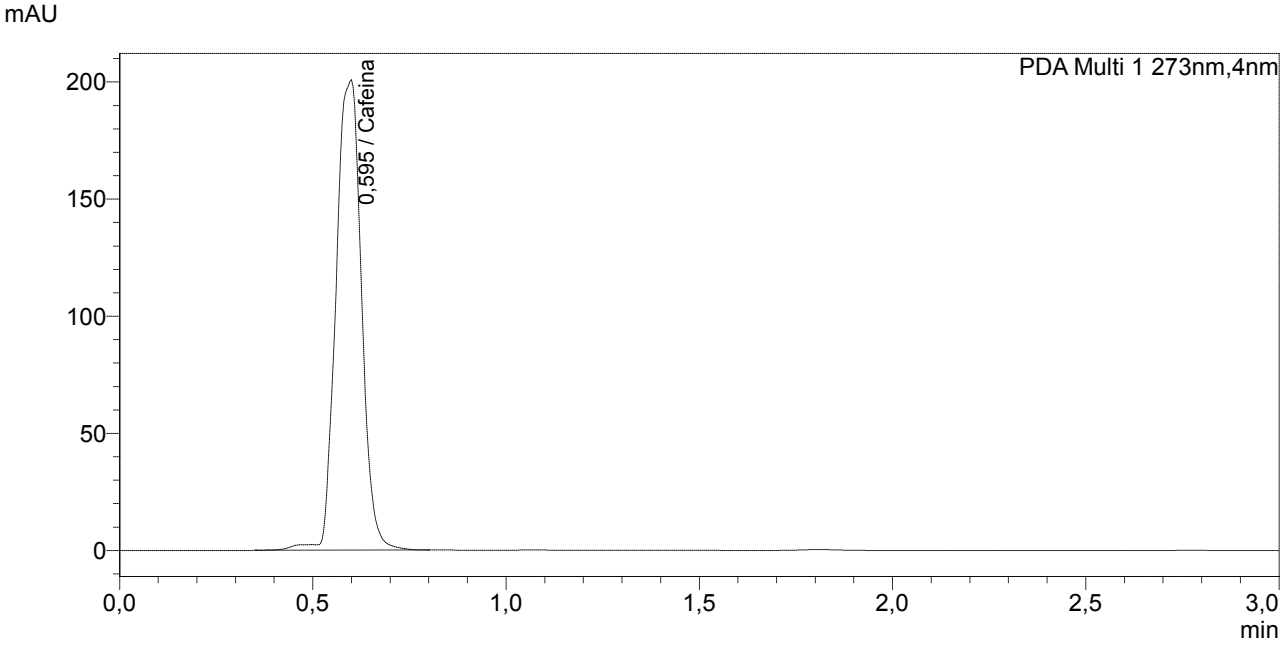
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,594	922804

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: PCIN 05		
Sample ID	: PCIN 05		
Data Filename	: Qualificação_13102025_008.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 13:30:44	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:51	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

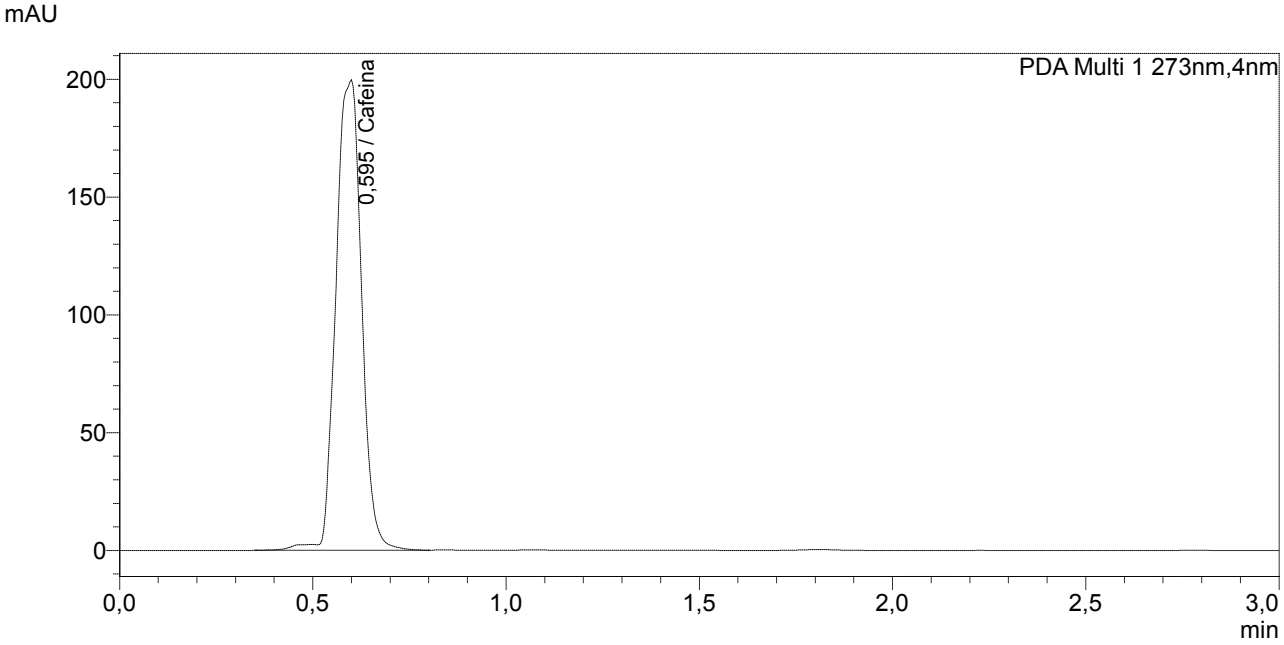
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,595	922575

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: PCIN 06		
Sample ID	: PCIN 06		
Data Filename	: Qualificação_13102025_009.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 13:37:41	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:54	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

PDA

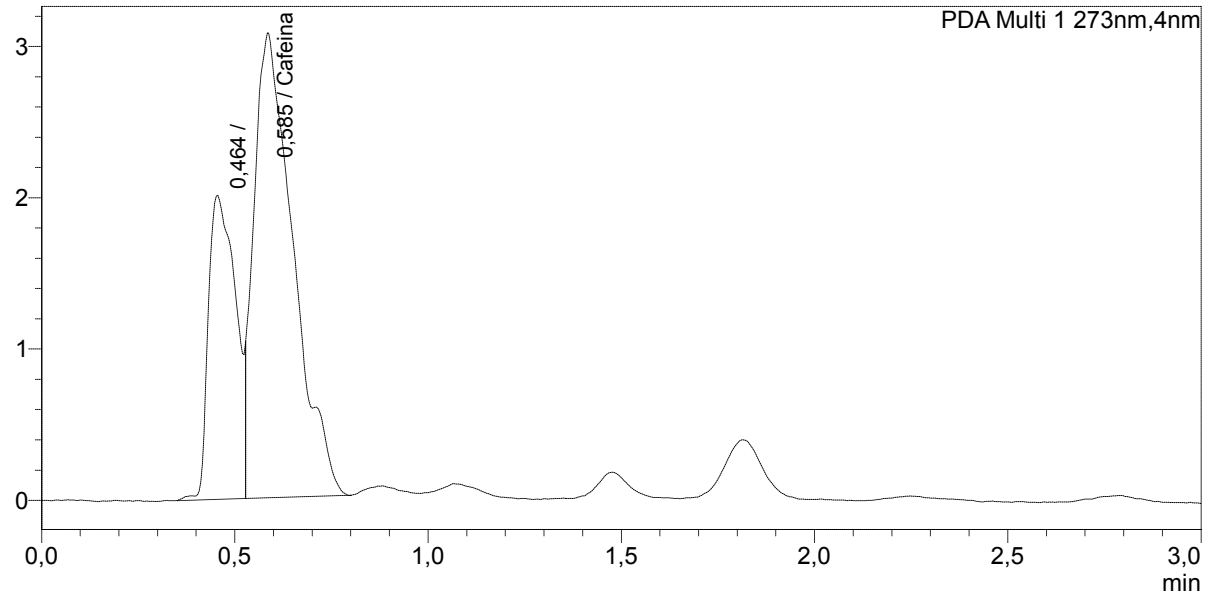
ID#	Name	Ret. Time	Area
1	Cafeina	0,595	922328

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: Branco 01		
Sample ID	: Branco 01		
Data Filename	: Qualificação_13102025_002.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 12:49:00	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:29	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

PDA

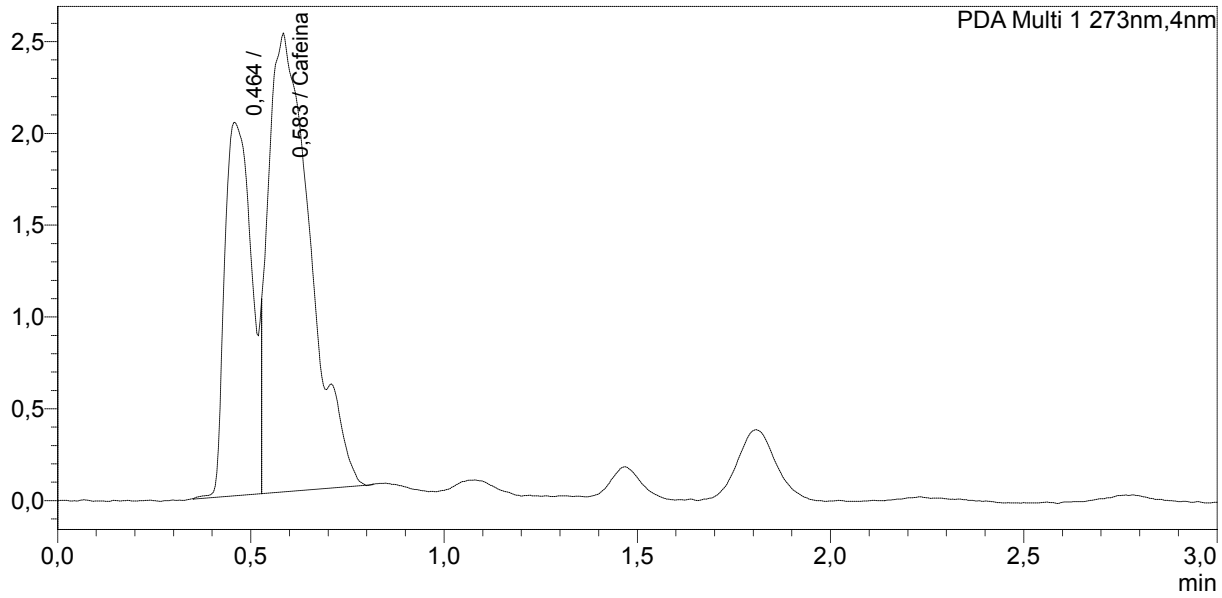
ID#	Name	Ret. Time	Area
1	Cafeina	0,585	21560

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: Branco 02		
Sample ID	: Branco 02		
Data Filename	: Qualificação_13102025_006.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 13:16:49	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:44	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

PDA

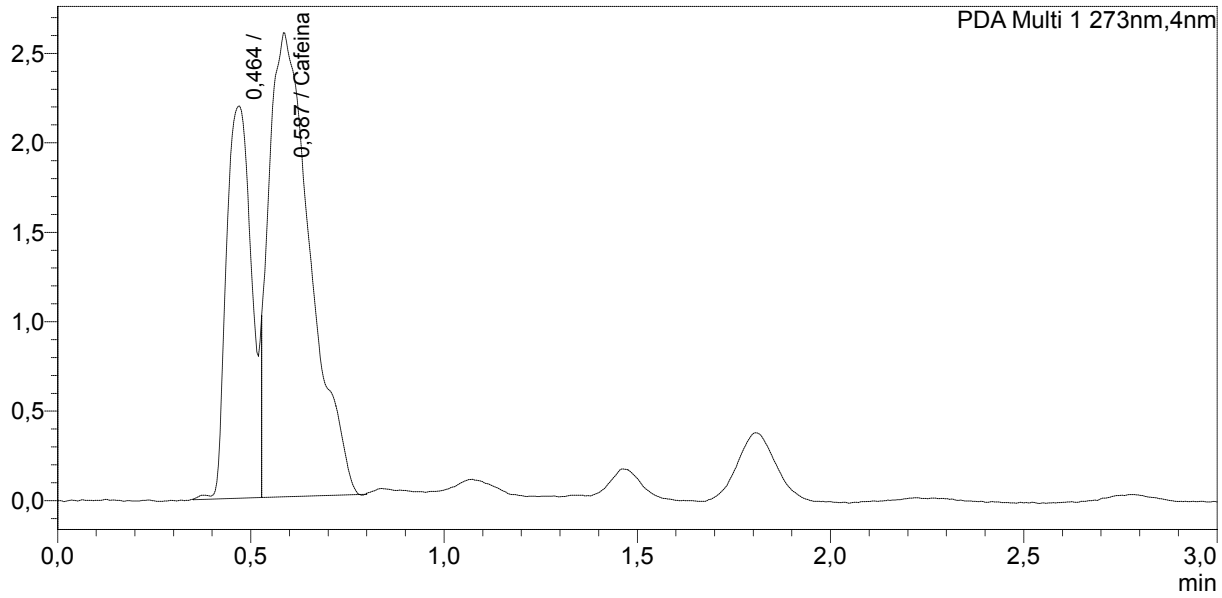
ID#	Name	Ret. Time	Area
1	Cafeina	0,583	18707

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: Branco 03		
Sample ID	: Branco 03		
Data Filename	: Qualificação_13102025_010.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 13:44:38	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:58:58	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

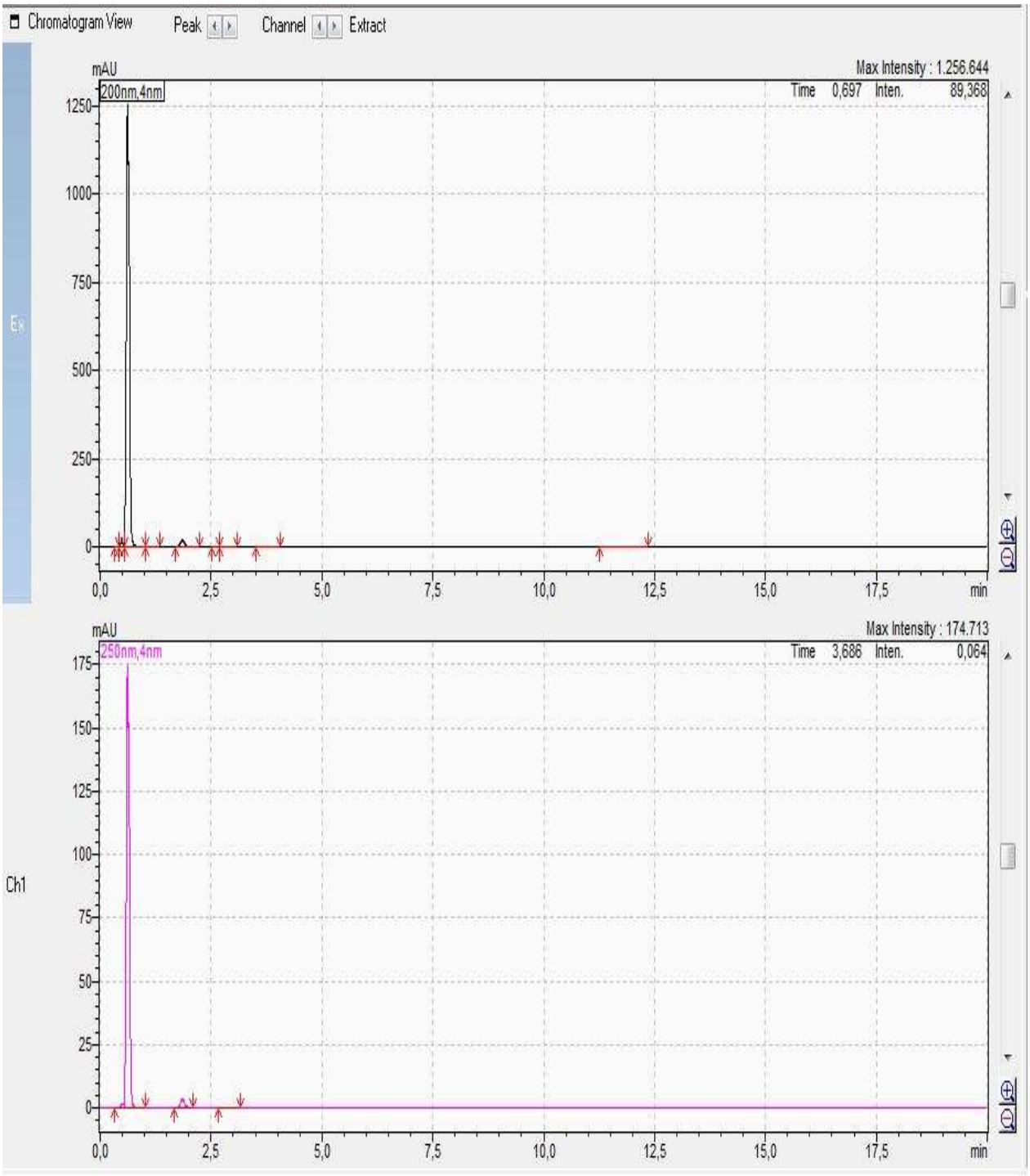
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,587	19225

Certificado Nº:470/25 - RELB	Início da Qualificação: 13/10/2025	Página 1 de 3	

Resultado obtido na altura do pico

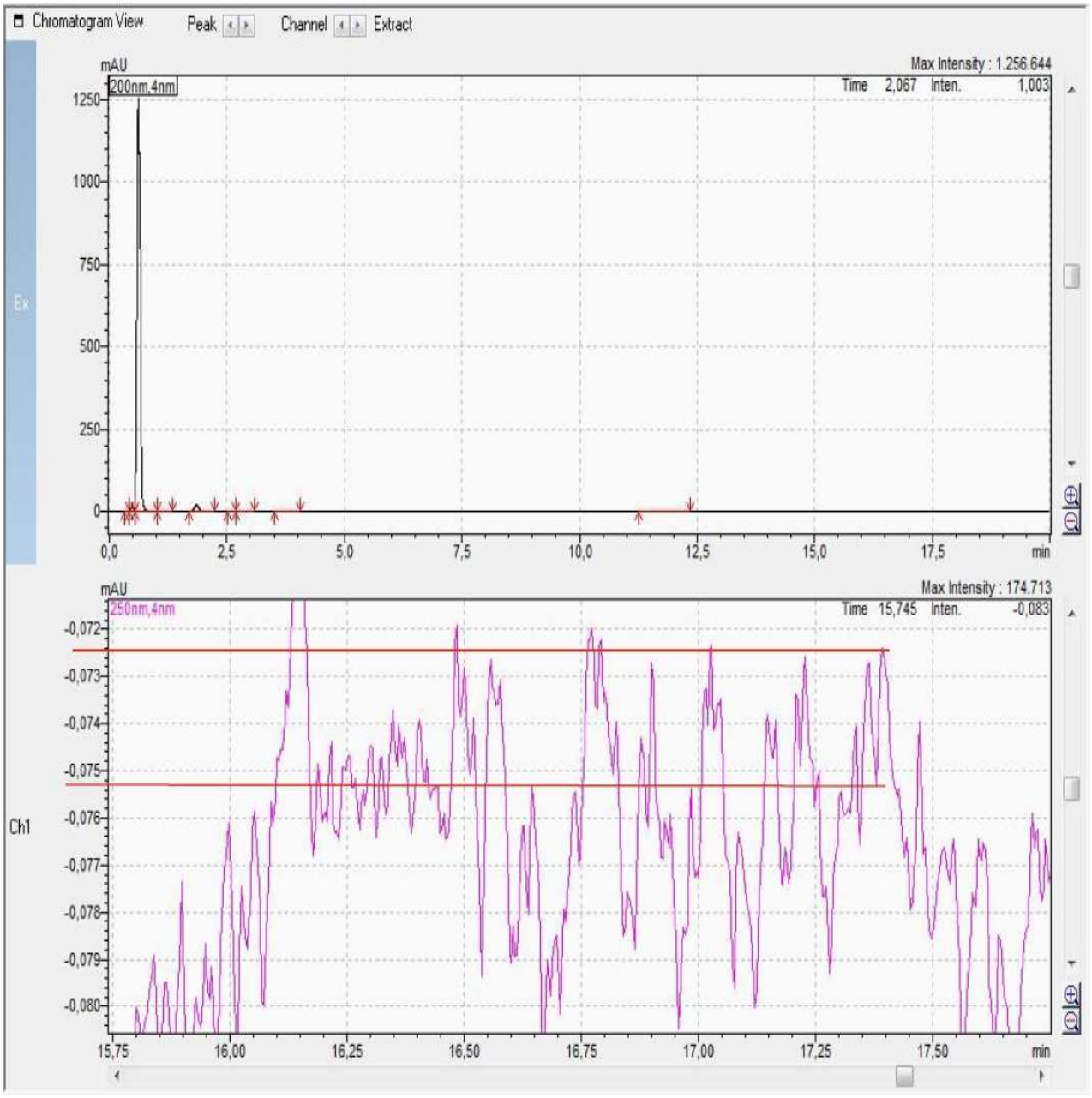
	ALTURA DO PICO (mAU)
Resultado:	**175,0000**



Certificado Nº: 470/25 - RELB	Início da Qualificação: 13/10/2025	Página 2 de 3

Resultado obtido no teste de sinal/ruído

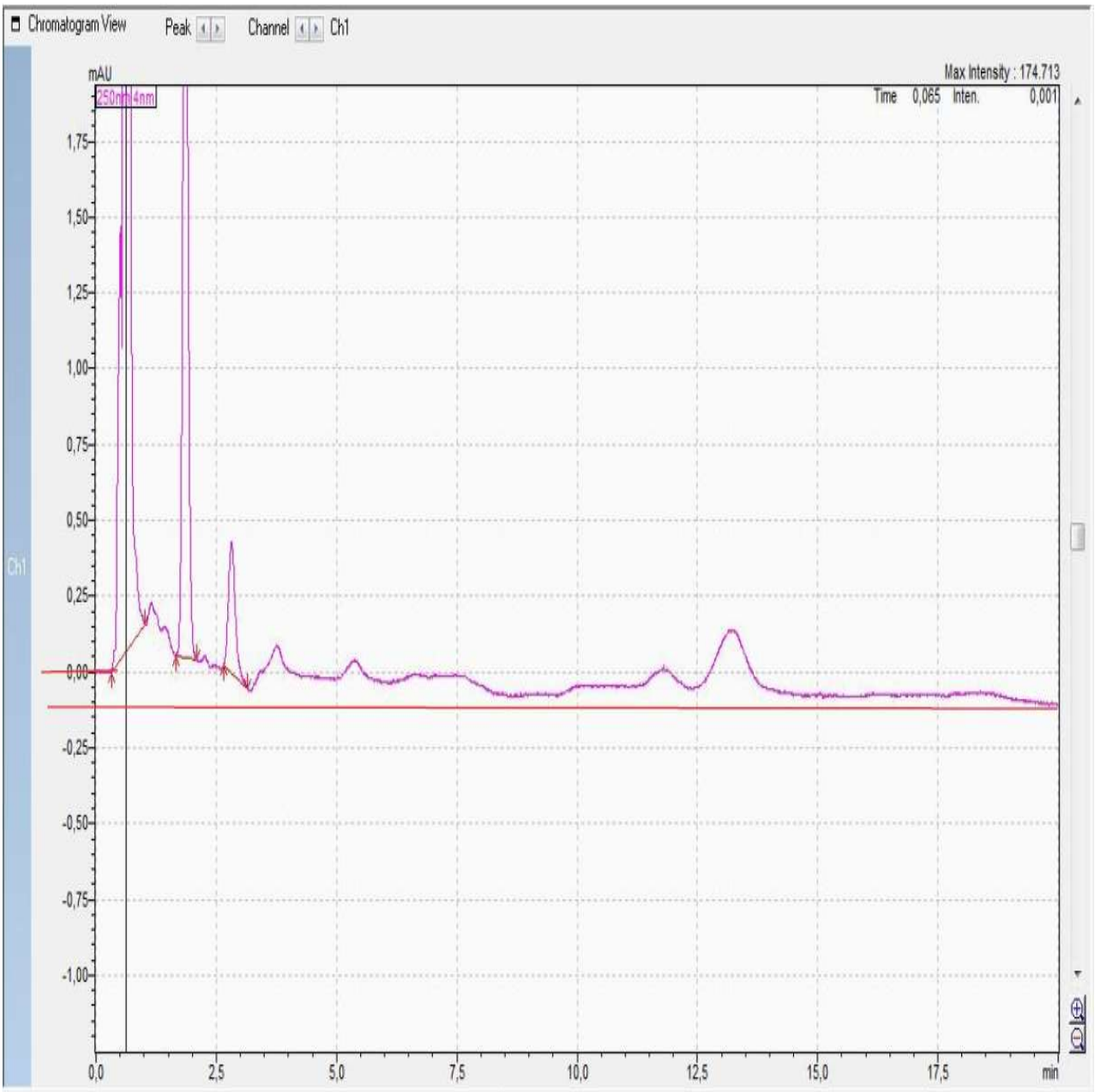
Resultado:	Ruído (mAU)
VALOR MÁXIMO:	0,0753
VALOR MÍNIMO:	0,0724
	Ruído
	0,0029



Certificado Nº: 470/25 - RELB	Início da Qualificação: 13/10/2025	Página 3 de 3

Resultado obtido no teste estabilidade da linha de base

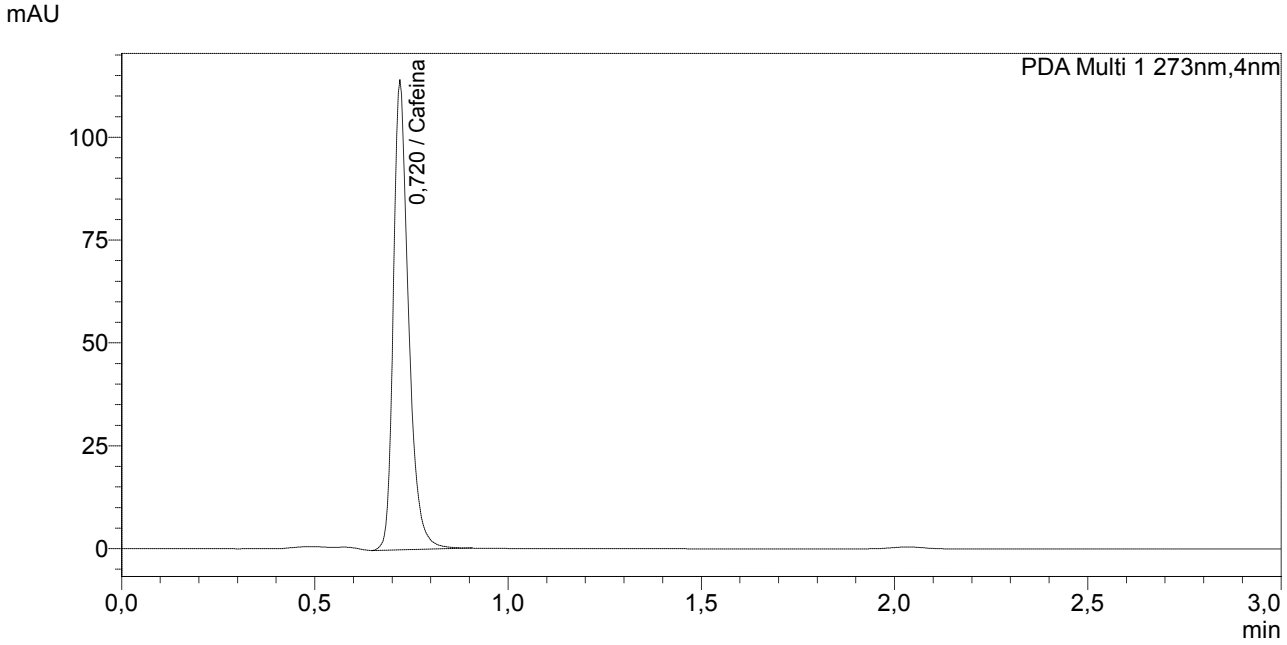
Estabilidade da Linha de Base	Diferença 20 min	Diferença 60 min
VALOR MÁXIMO:	0,0000	-0,3750
VALOR MÍNIMO:	0,1250	
Resultado:	-0,1250	



==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: EDUV		
Sample ID	: EDUV		
Data Filename	: Qualificação_13102025_001.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 13/10/2025 12:42:03	Acquired by	: QPackSA
Date Processed	: 13/10/2025 15:29:14	Processed by	: QPackSA

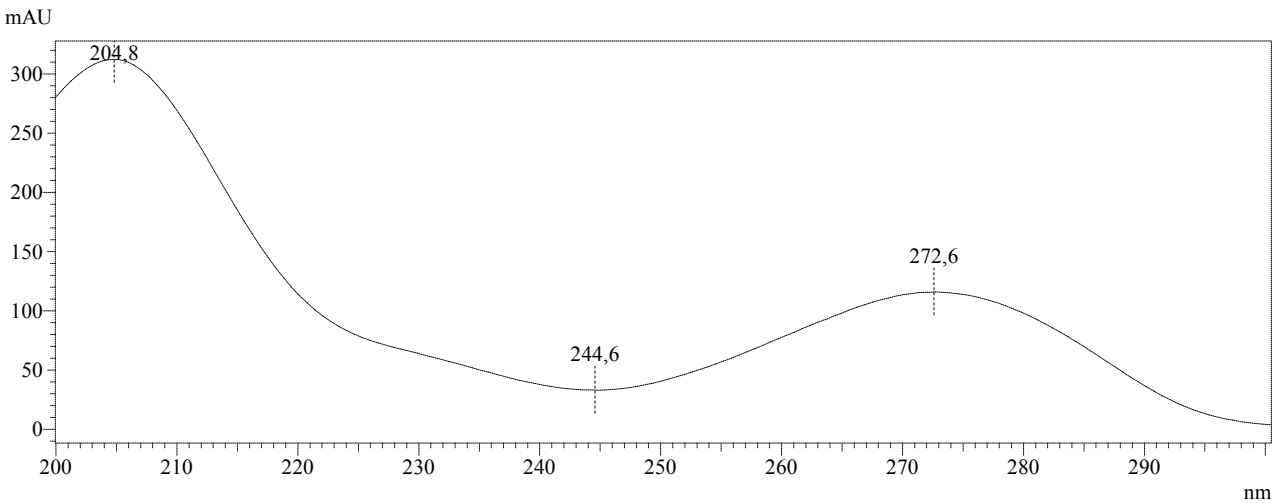
<Chromatogram>



<Spectrum>

UV Spectrum

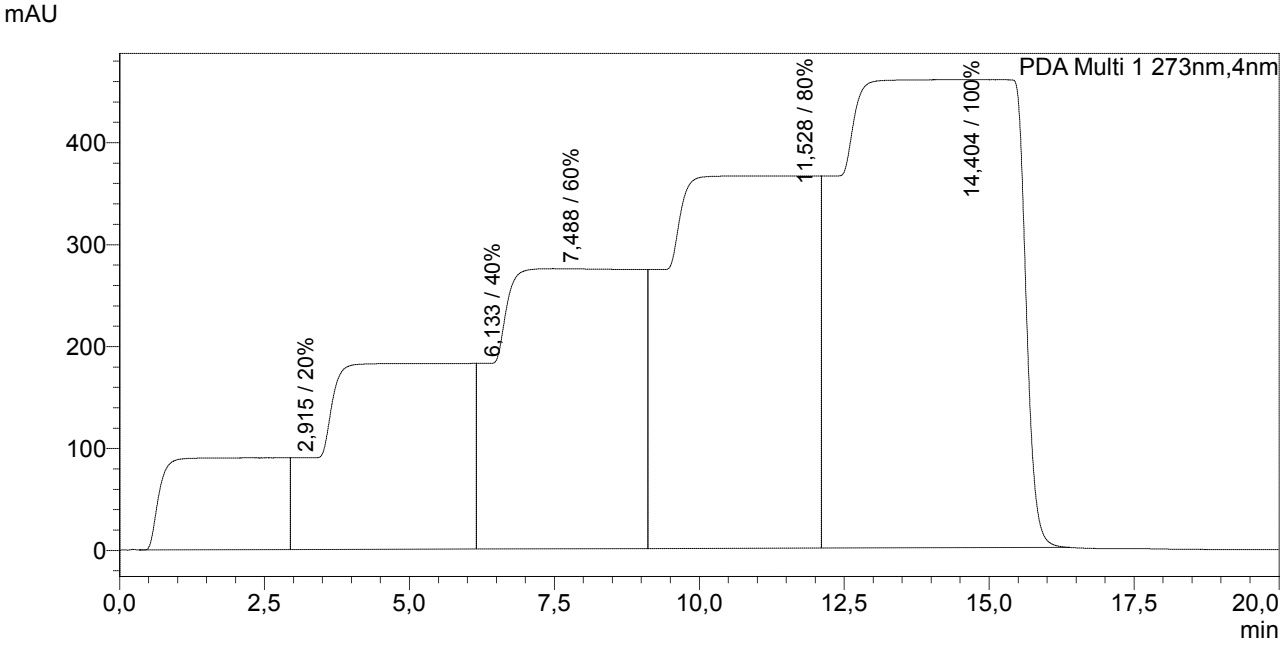
ID#	: 1
Retention Time	: 0,720 min
Compound Name	: Cafeina
Spectrum Operation	: None



==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: GRAD_AB		
Sample ID	:		
Data Filename	: GRAD_AB.lcd		
Method Filename	: Gradiente AB.lcm		
Batch Filename	: GRAD_AB.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 13/10/2025 11:09:03	Acquired by	: QPackSA
Date Processed	: 13/10/2025 14:39:18	Processed by	: QPackSA

<Chromatogram>



Peak Table

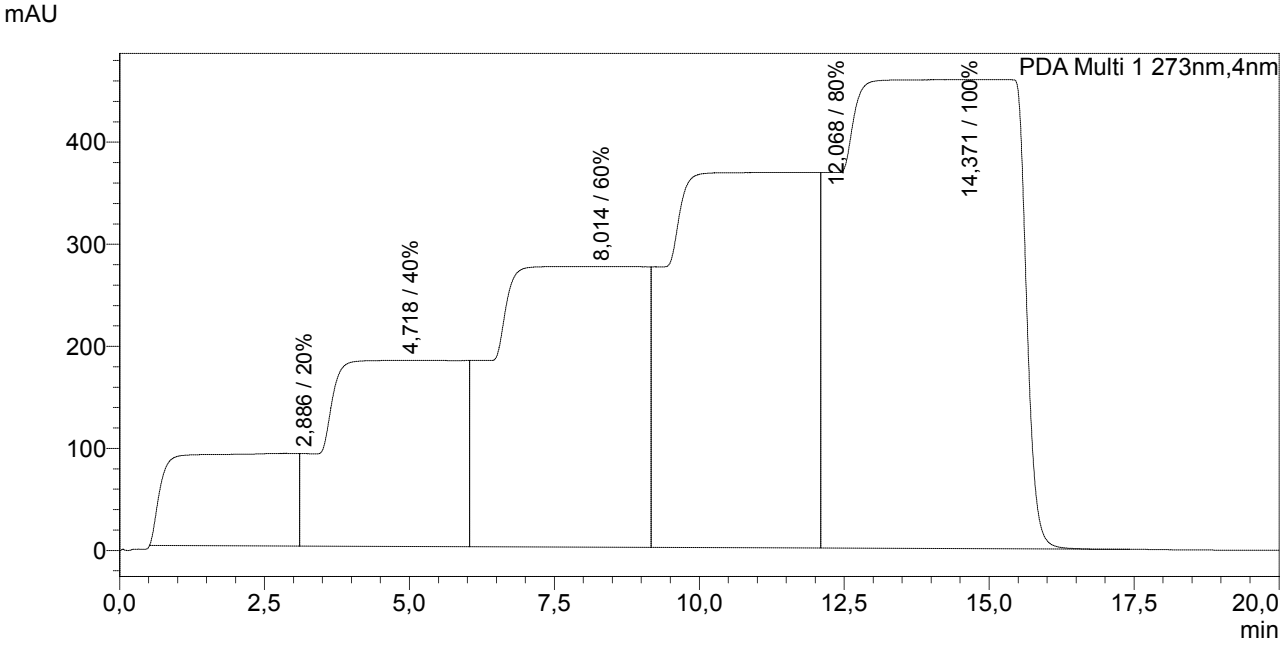
PDA Ch1 273nm

Peak#	Ret. Time	Height	Name
1	2,915	90019	20%
2	6,133	182099	40%
3	7,488	274807	60%
4	11,528	365121	80%
5	14,404	459081	100%
Total		1371127	

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: GRAD_CD		
Sample ID	:		
Data Filename	: GRAD_CD.lcd		
Method Filename	: Gradiente CD.lcm		
Batch Filename	: GRAD_CD.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 13/10/2025 11:33:09	Acquired by	: QPackSA
Date Processed	: 13/10/2025 14:55:07	Processed by	: QPackSA

<Chromatogram>



Peak Table

PDA Ch1 273nm

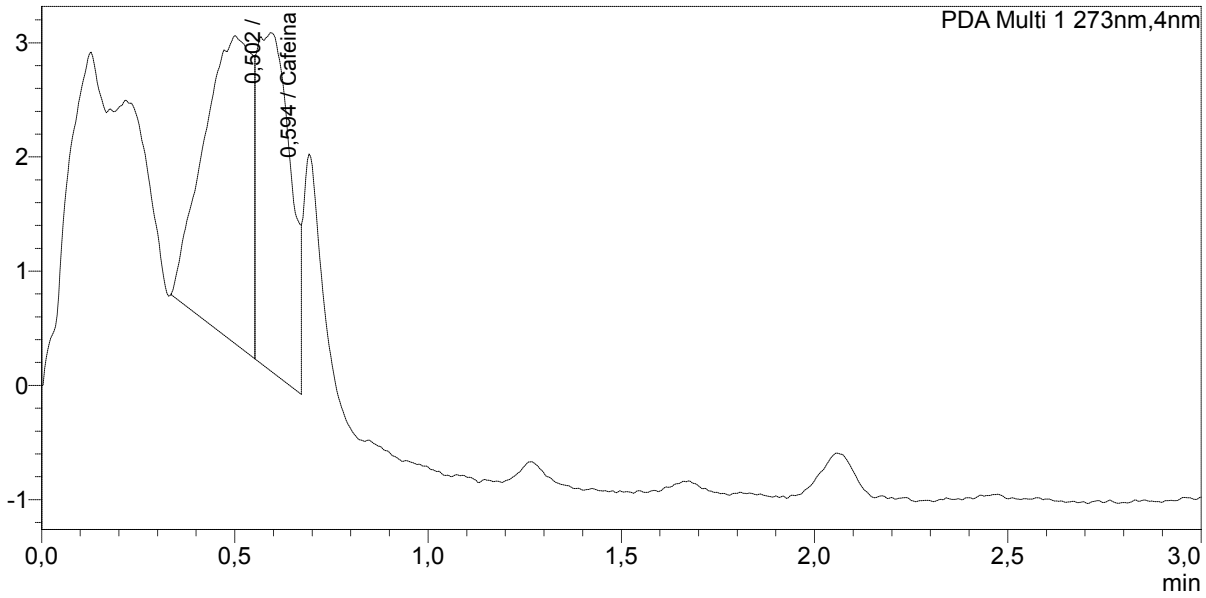
Peak#	Ret. Time	Height	Name
1	2,886	90729	20%
2	4,718	182235	40%
3	8,014	274894	60%
4	12,068	368016	80%
5	14,371	459436	100%
Total		1375310	

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LDUV 01		
Sample ID	: LDUV 01		
Data Filename	: Qualificação_14102025_001.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-4	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 14/10/2025 10:44:23	Acquired by	: QPackSA
Date Processed	: 14/10/2025 11:31:58	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

PDA

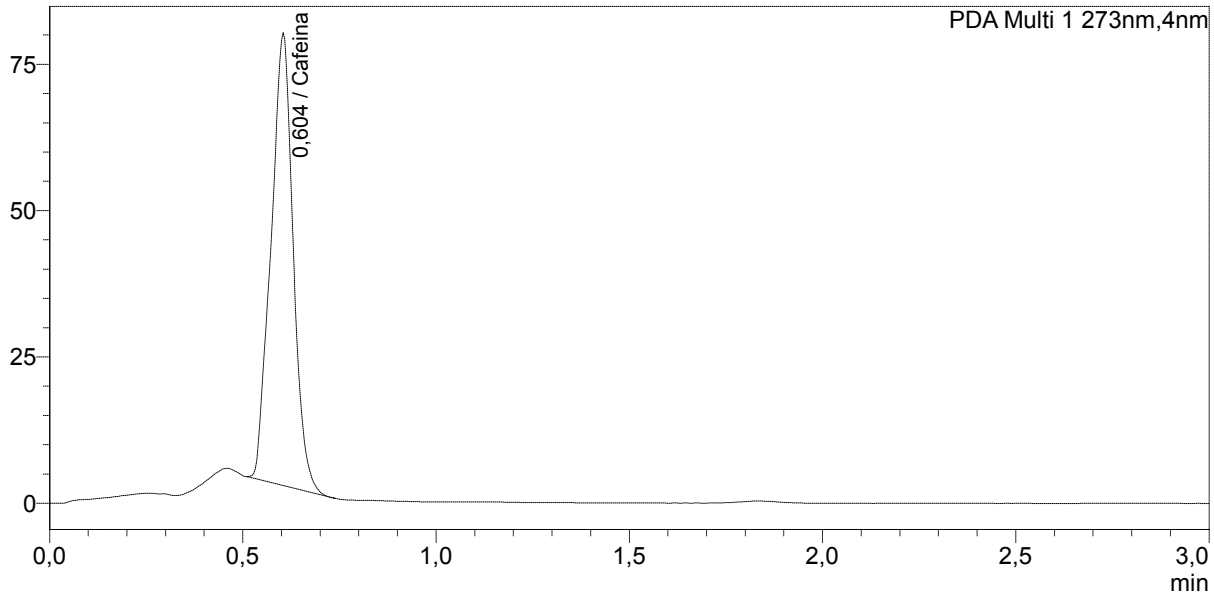
ID#	Name	Ret. Time	Area
1	Cafeina	0,594	17548

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LDUV 02		
Sample ID	: LDUV 02		
Data Filename	: Qualificação_14102025_002.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-5	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 14/10/2025 10:51:20	Acquired by	: QPackSA
Date Processed	: 14/10/2025 11:33:59	Processed by	: QPackSA

<Chromatogram>

mAU



<Quantitative Results>

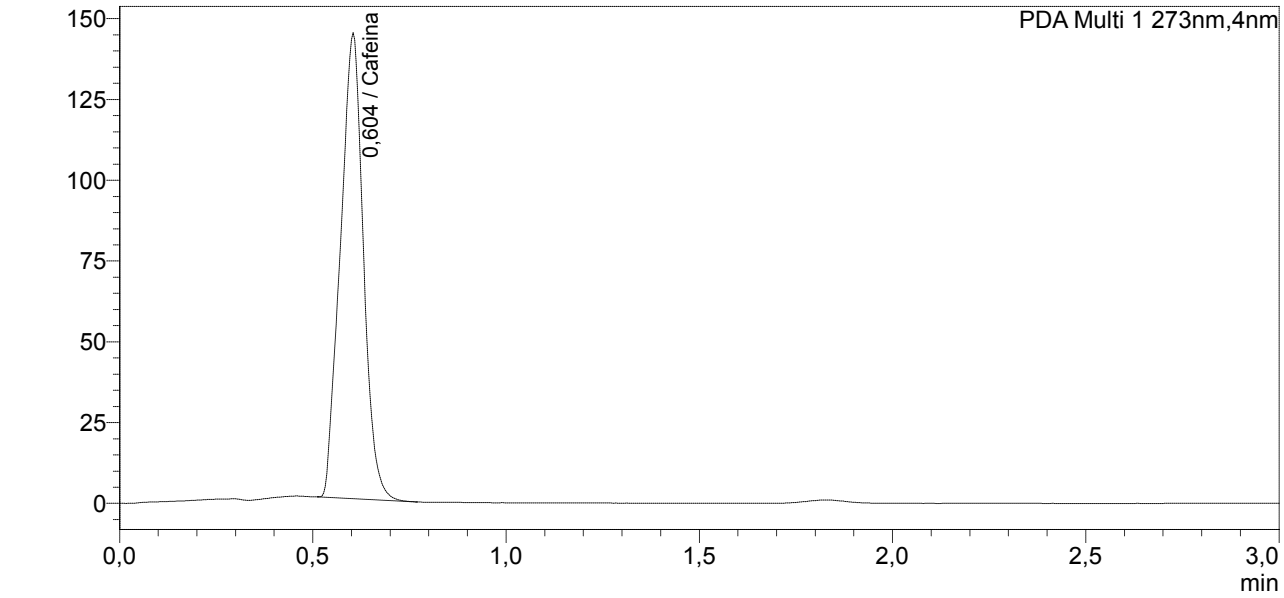
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,604	306877

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LDUV 03		
Sample ID	: LDUV 03		
Data Filename	: Qualificação_14102025_003.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-6	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 14/10/2025 10:58:18	Acquired by	: QPackSA
Date Processed	: 14/10/2025 11:35:46	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

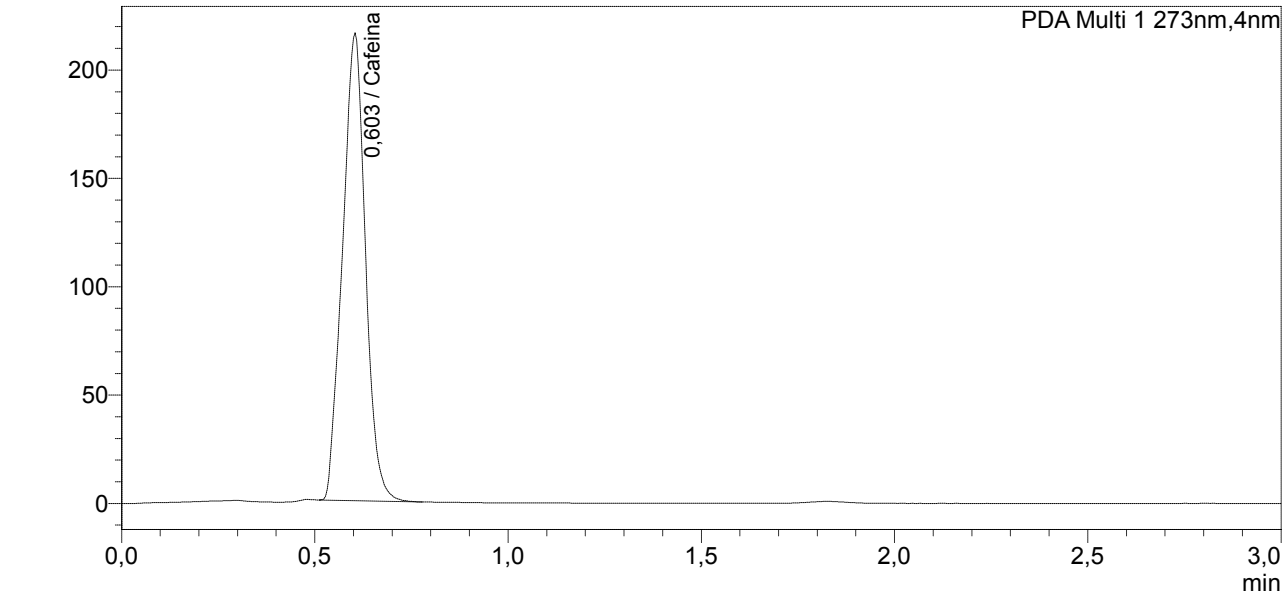
PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,604	593864

==== Shimadzu LabSolutions Analysis Report ====

Sample Name	: LDUV 04		
Sample ID	: LDUV 04		
Data Filename	: Qualificação_14102025_004.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: Qualificação.lcb		
Vial #	: 3-7	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 14/10/2025 11:05:15	Acquired by	: QPackSA
Date Processed	: 14/10/2025 11:47:13	Processed by	: QPackSA

<Chromatogram>



<Quantitative Results>

PDA

ID#	Name	Ret. Time	Area
1	Cafeina	0,603	885830