Spectrum Scan

SPD-20A(Detector A)

Pump OFF

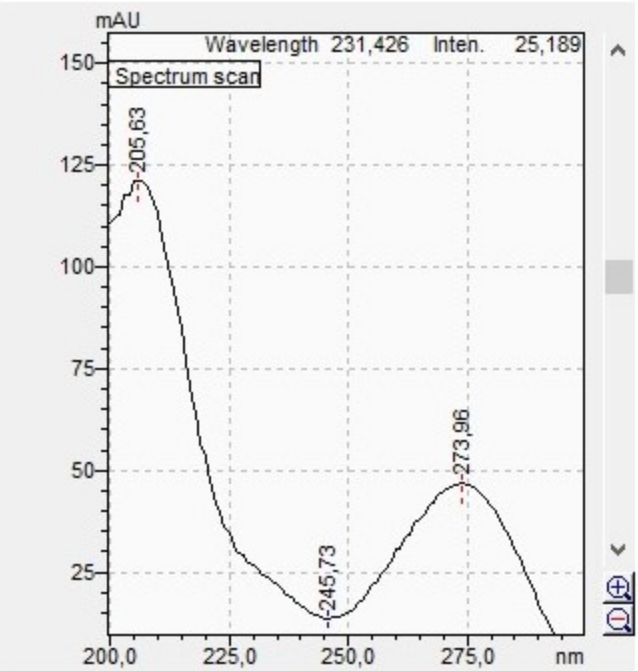
Background

Scan

Help

Scan Parameters

| | | |
|---|---|---|
| Start Wavelength: | 200 | nm |
| Stop Wavelength: | 300 | nm |
| Scan Step: | 1 | nm |



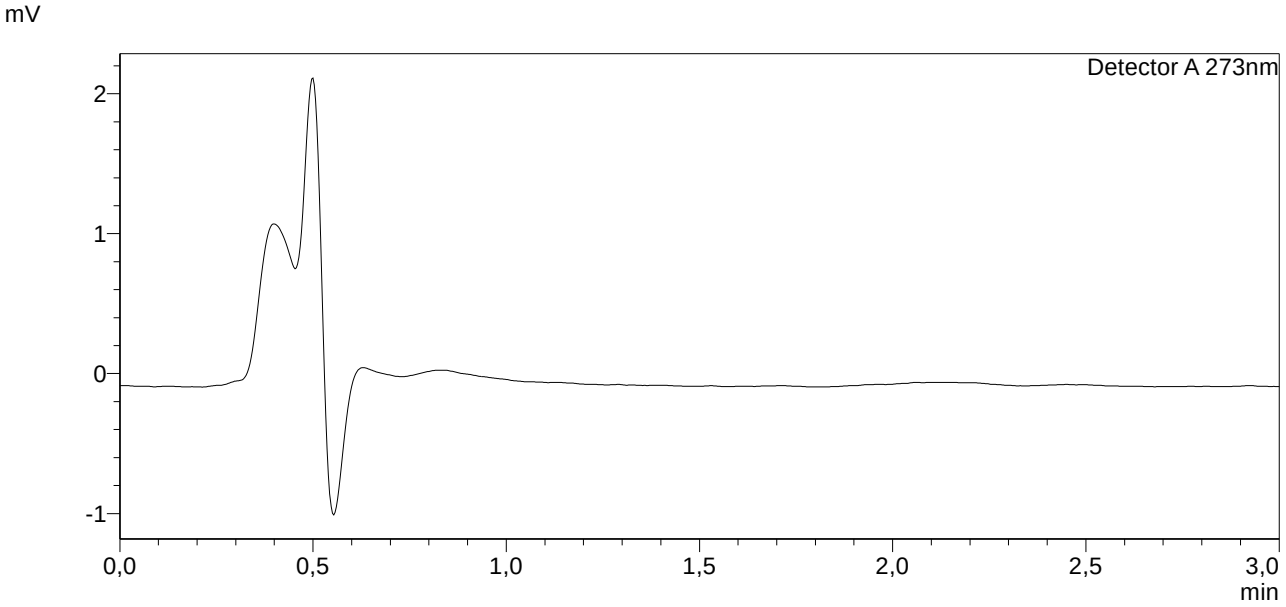
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : Branco 01 | | |
| Sample ID | : Branco 01 | | |
| Data Filename | : Qualificação CE230_10062024_002.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-11 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:29:02 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:44:30 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

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

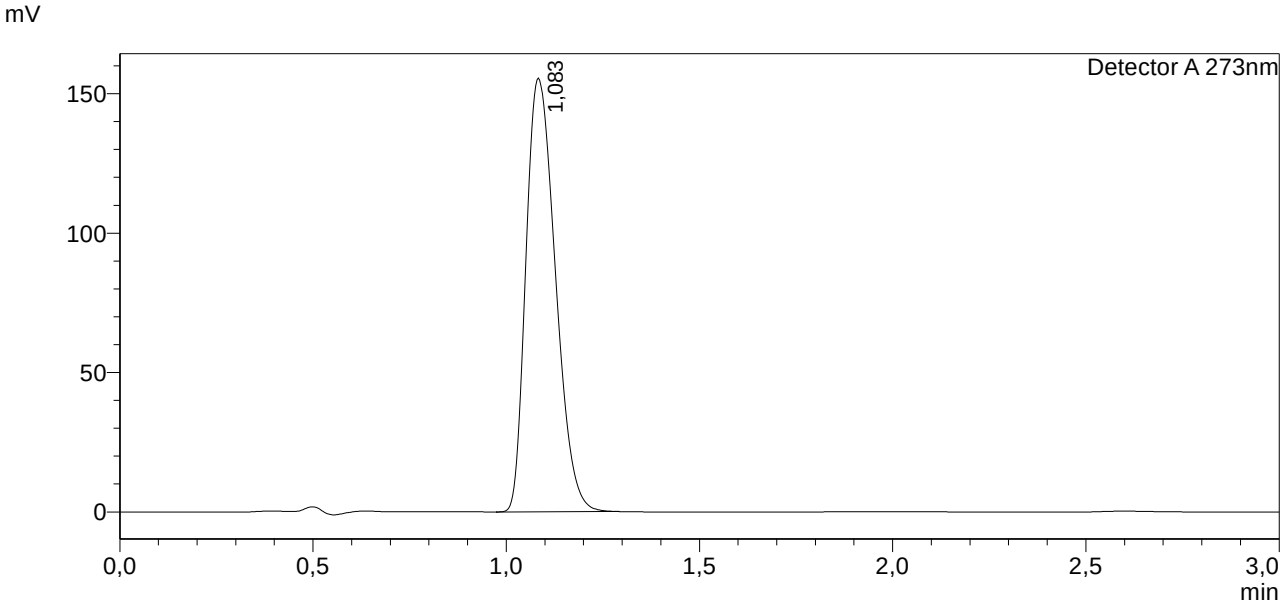
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : PCIN 01 | | |
| Sample ID | : PCIN 01 | | |
| Data Filename | : Qualificação CE230_10062024_003.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-12 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:32:32 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:45:53 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,083 | 823457 | 155221 | 0,000 | mg/L | | Cafeína |
| Total | | 823457 | 155221 | | | | |

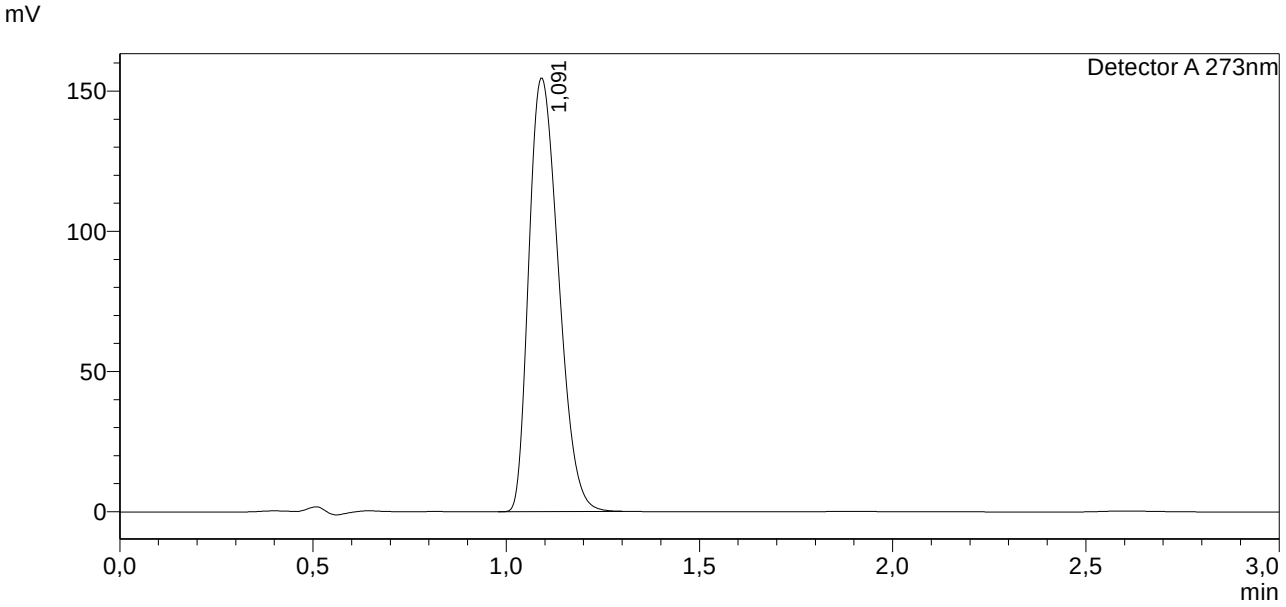
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : PCIN 02 | | |
| Sample ID | : PCIN 02 | | |
| Data Filename | : Qualificação CE230_10062024_004.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-12 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:36:02 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:46:40 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,091 | 823249 | 154536 | 0,000 | mg/L | | Cafeína |
| Total | | 823249 | 154536 | | | | |

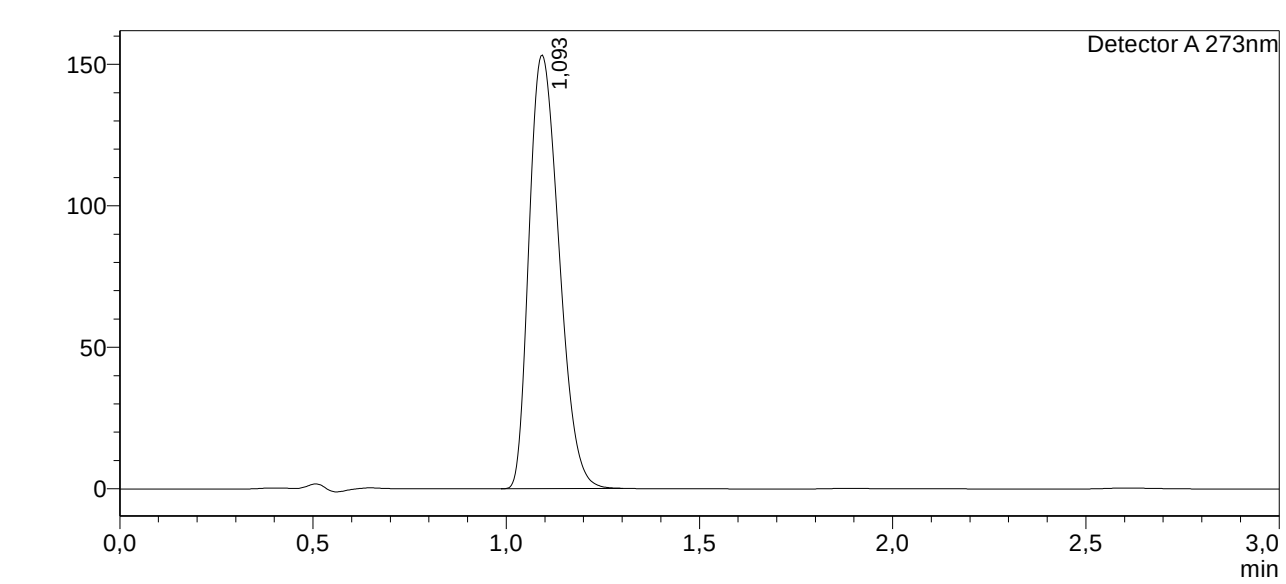
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : PCIN 03 | | |
| Sample ID | : PCIN 03 | | |
| Data Filename | : Qualificação CE230_10062024_005.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-12 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:39:32 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:47:24 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,093 | 823449 | 153090 | 0,000 | mg/L | | Cafeína |
| Total | | 823449 | 153090 | | | | |

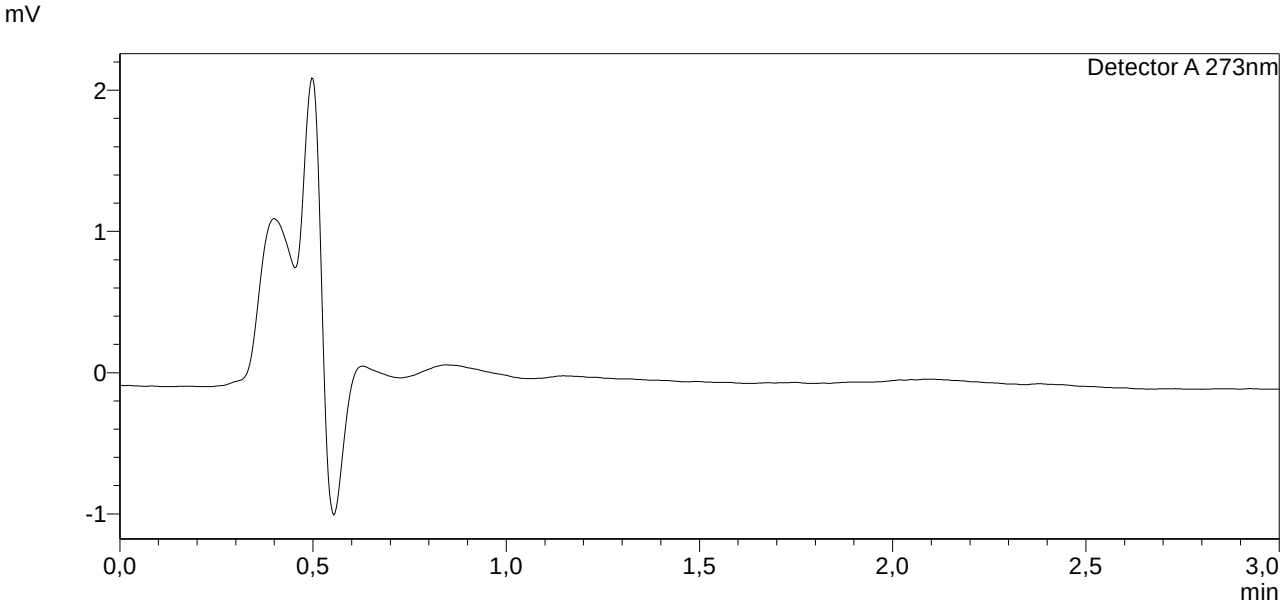
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : Branco 02 | | |
| Sample ID | : Branco 02 | | |
| Data Filename | : Qualificação CE230_10062024_006.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-11 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:43:00 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:47:57 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

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

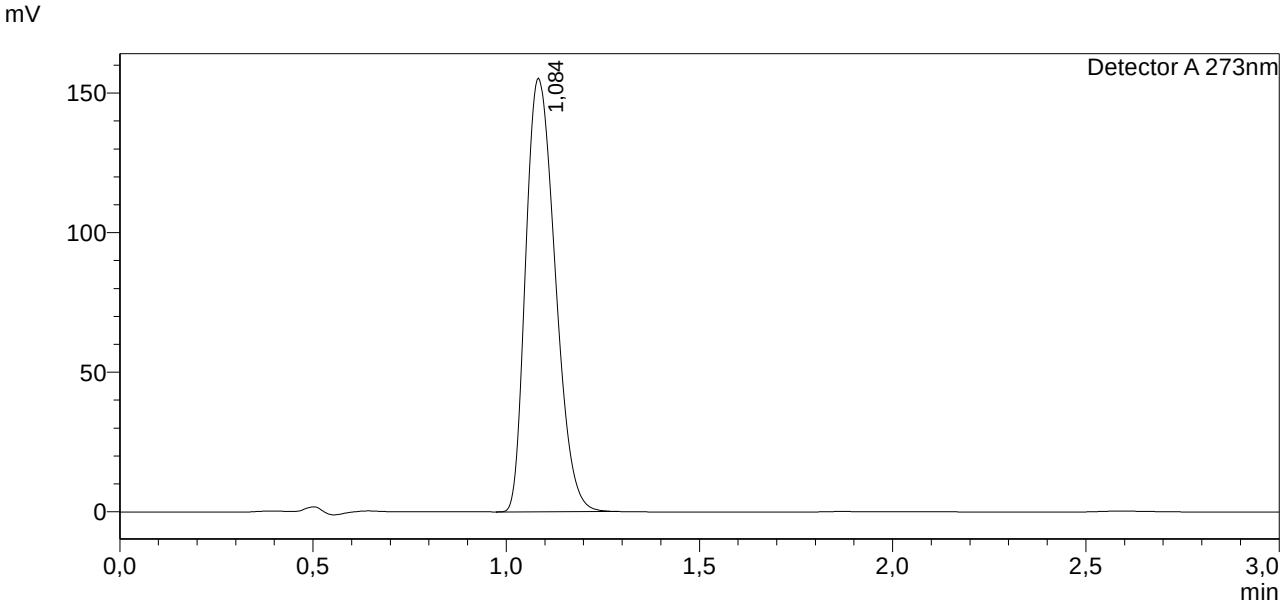
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : PCIN 04 | | |
| Sample ID | : PCIN 04 | | |
| Data Filename | : Qualificação CE230_10062024_007.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-12 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:46:29 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:48:40 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,084 | 822907 | 155041 | 0,000 | mg/L | | Cafeína |
| Total | | 822907 | 155041 | | | | |

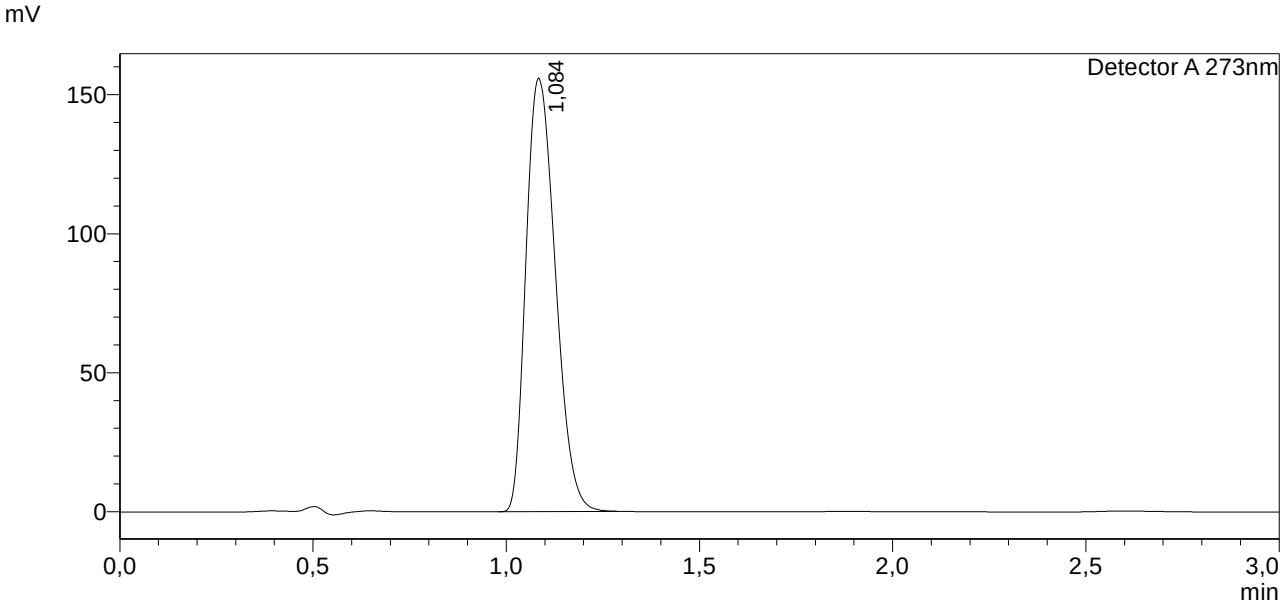
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : PCIN 05 | | |
| Sample ID | : PCIN 05 | | |
| Data Filename | : Qualificação CE230_10062024_008.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-12 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:49:58 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:49:27 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,084 | 822817 | 155786 | 0,000 | mg/L | | Cafeína |
| Total | | 822817 | 155786 | | | | |

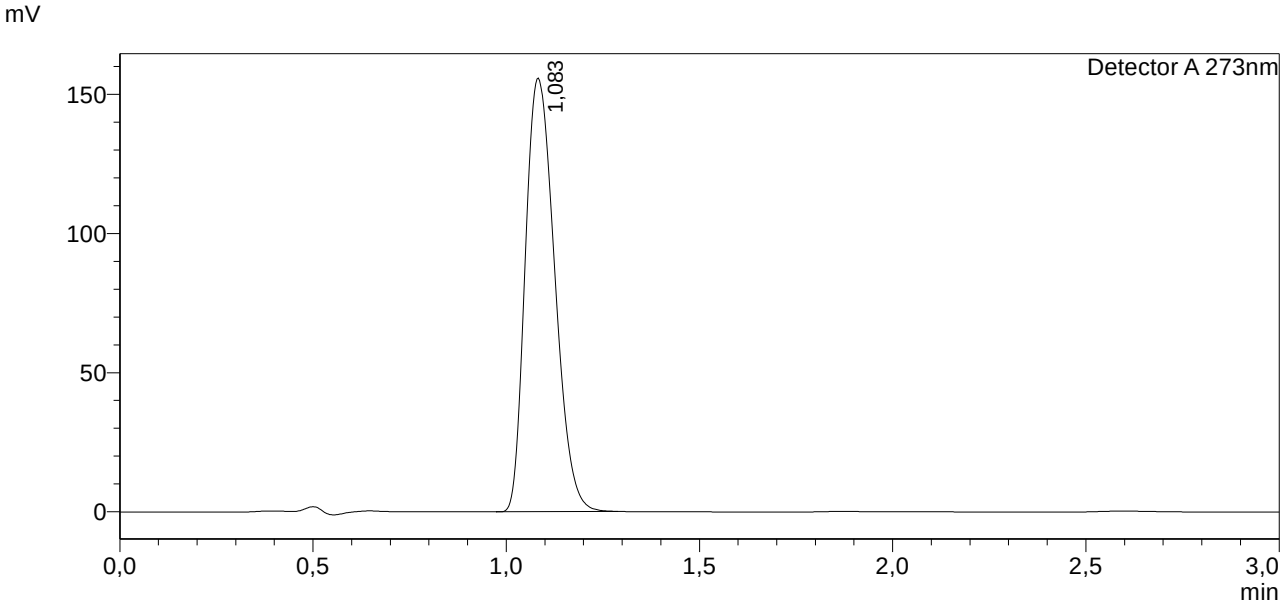
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : PCIN 06 | | |
| Sample ID | : PCIN 06 | | |
| Data Filename | : Qualificação CE230_10062024_009.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-12 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:53:28 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:50:20 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,083 | 823453 | 155358 | 0,000 | mg/L | | Cafeína |
| Total | | 823453 | 155358 | | | | |

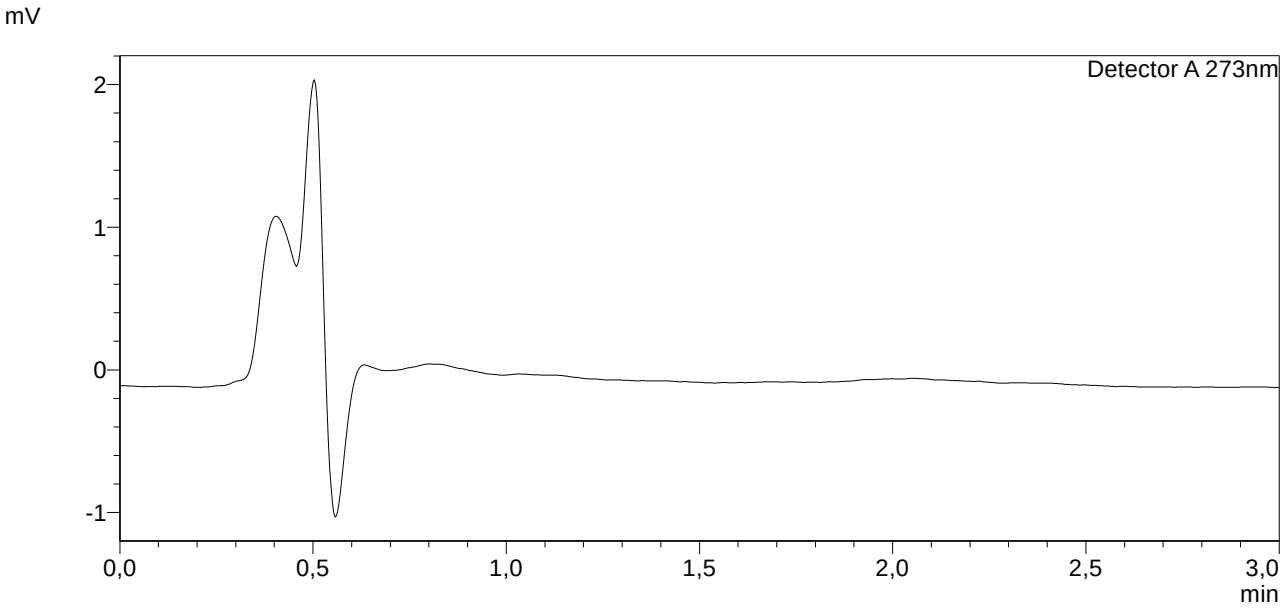
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : Branco 03 | | |
| Sample ID | : Branco 03 | | |
| Data Filename | : Qualificação CE230_10062024_010.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-11 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 12:56:58 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:50:49 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

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

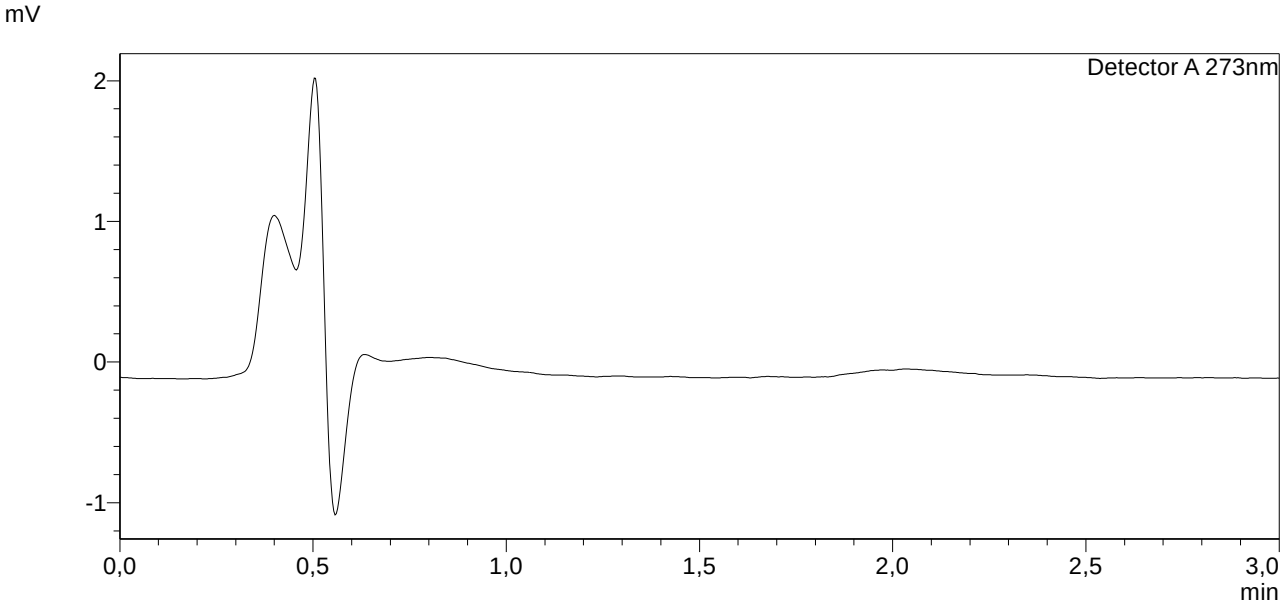
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LDUV 01 | | |
| Sample ID | : LDUV 01 | | |
| Data Filename | : Qualificação CE230_10062024_011.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-13 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 13:00:29 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:51:17 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

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

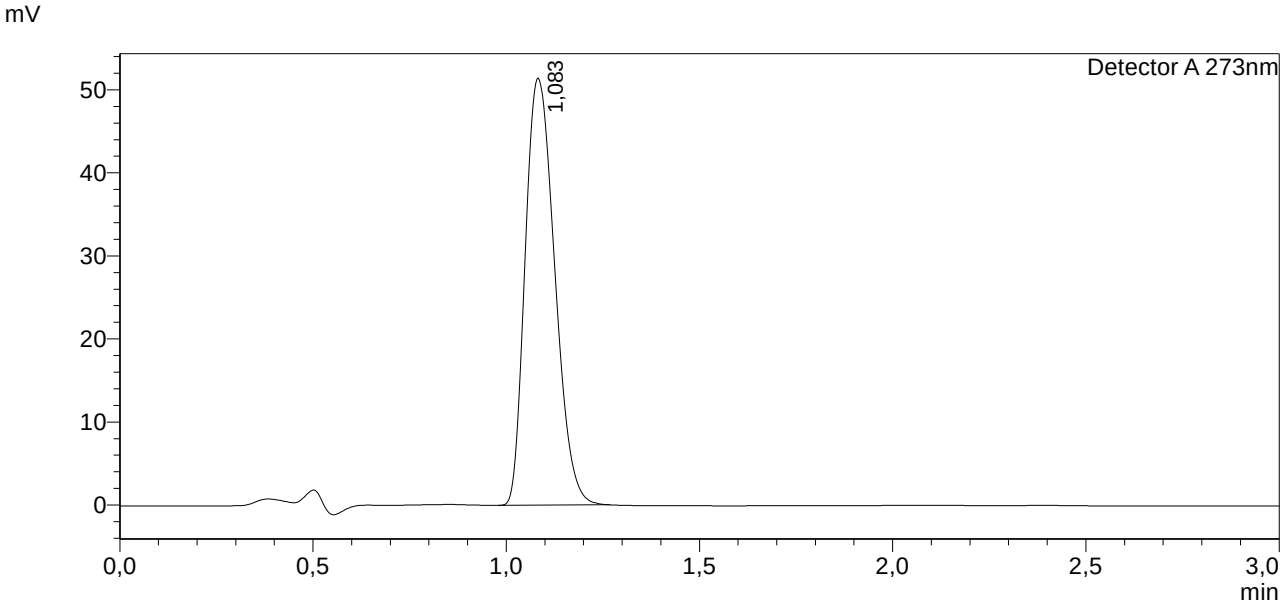
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LDUV 02 | | |
| Sample ID | : LDUV 02 | | |
| Data Filename | : Qualificação CE230_10062024_012.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-14 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 13:03:58 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:52:03 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,083 | 272998 | 51282 | 0,000 | mg/L | | Cafeína |
| Total | | 272998 | 51282 | | | | |

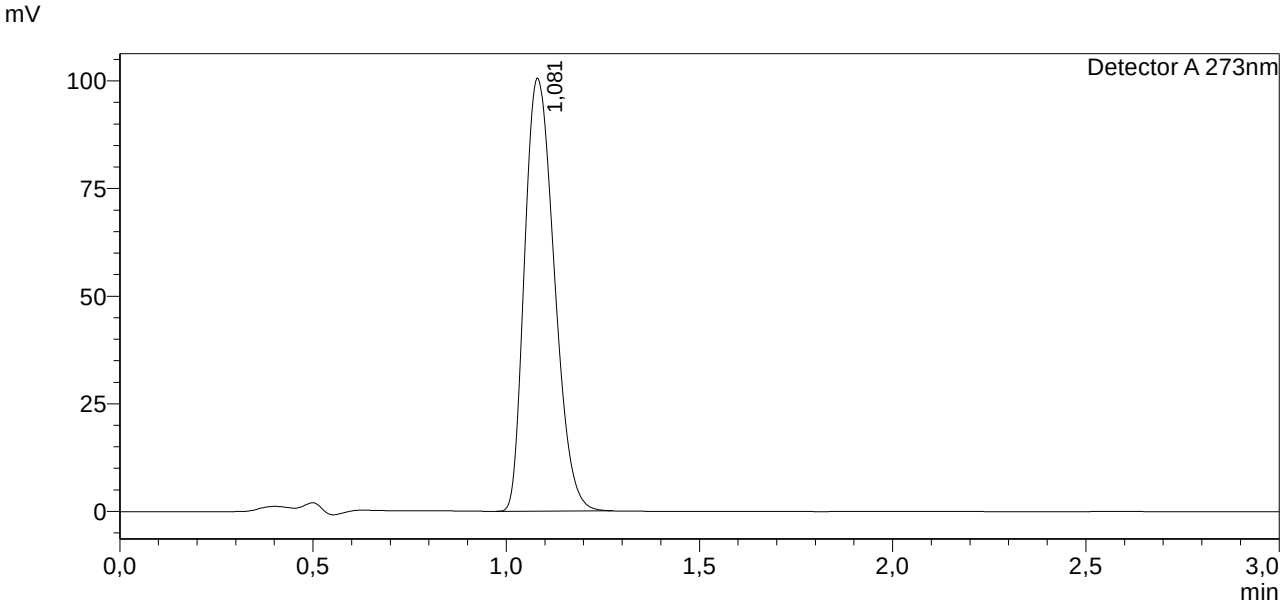
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LDUV 03 | | |
| Sample ID | : LDUV 03 | | |
| Data Filename | : Qualificação CE230_10062024_013.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-15 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 13:07:27 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:52:45 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,081 | 537404 | 100264 | 0,000 | mg/L | | Cafeína |
| Total | | 537404 | 100264 | | | | |

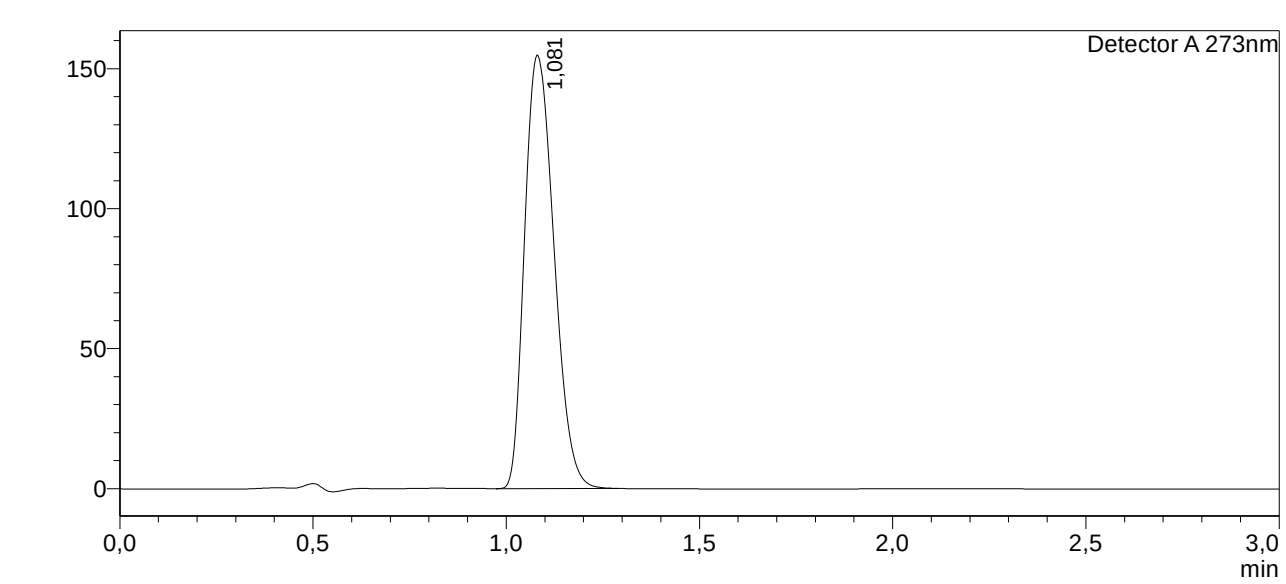
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LDUV 04 | | |
| Sample ID | : LDUV 04 | | |
| Data Filename | : Qualificação CE230_10062024_014.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-16 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 13:10:56 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:53:23 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,081 | 817743 | 154274 | 0,000 | mg/L | | Cafeína |
| Total | | 817743 | 154274 | | | | |

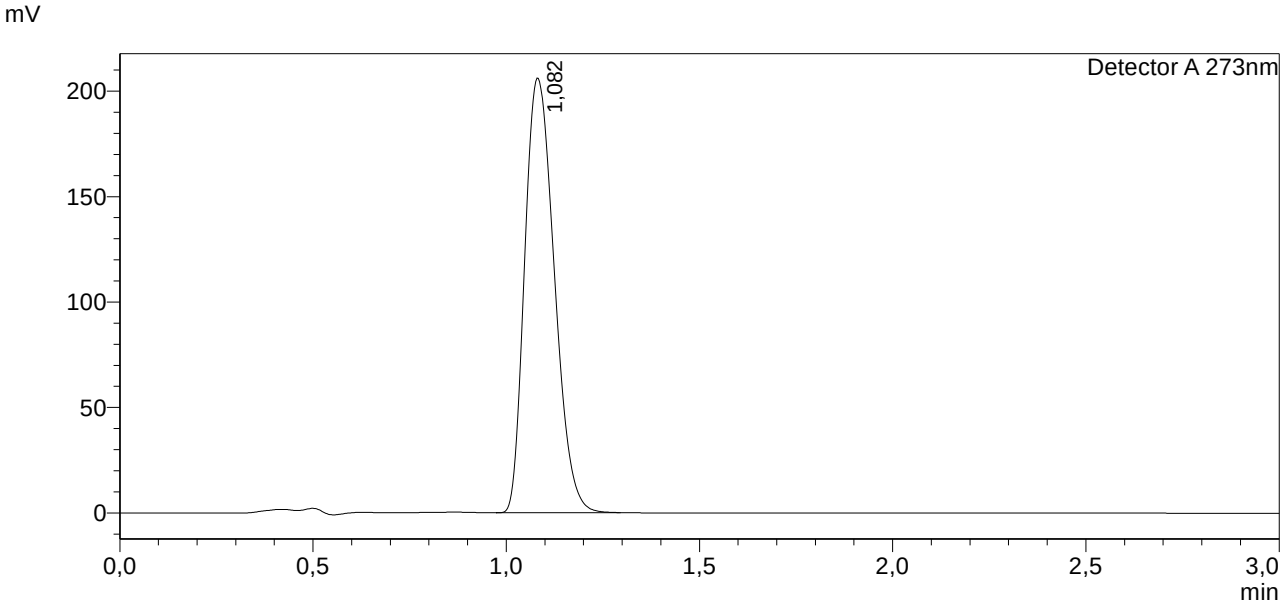
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LDUV 05 | | |
| Sample ID | : LDUV 05 | | |
| Data Filename | : Qualificação CE230_10062024_015.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-17 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 13:14:25 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:54:12 | Processed by | : Fernanda Santos |

## <Chromatogram>



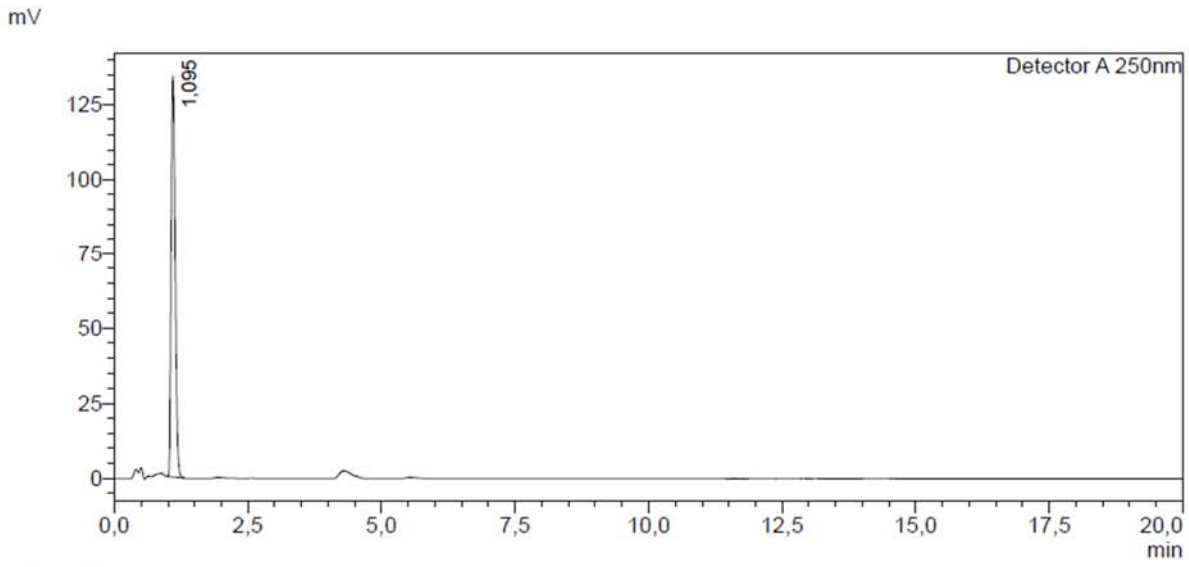

## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,082 | 1097289 | 205250 | 0,000 | mg/L | | Cafeína |
| Total | | 1097289 | 205250 | | | | |

# Relatório SRELB

| Detector UV – SPD-20A – N/S L20134302894 | Data: 11/06/2024 |
|---|---|
| **Ruído:** | |
| **Valor máximo: 0.007 mAU** | **Diferença: 0.007 mAU** |
| **Valor mínimo: 0.000 mAU** | |

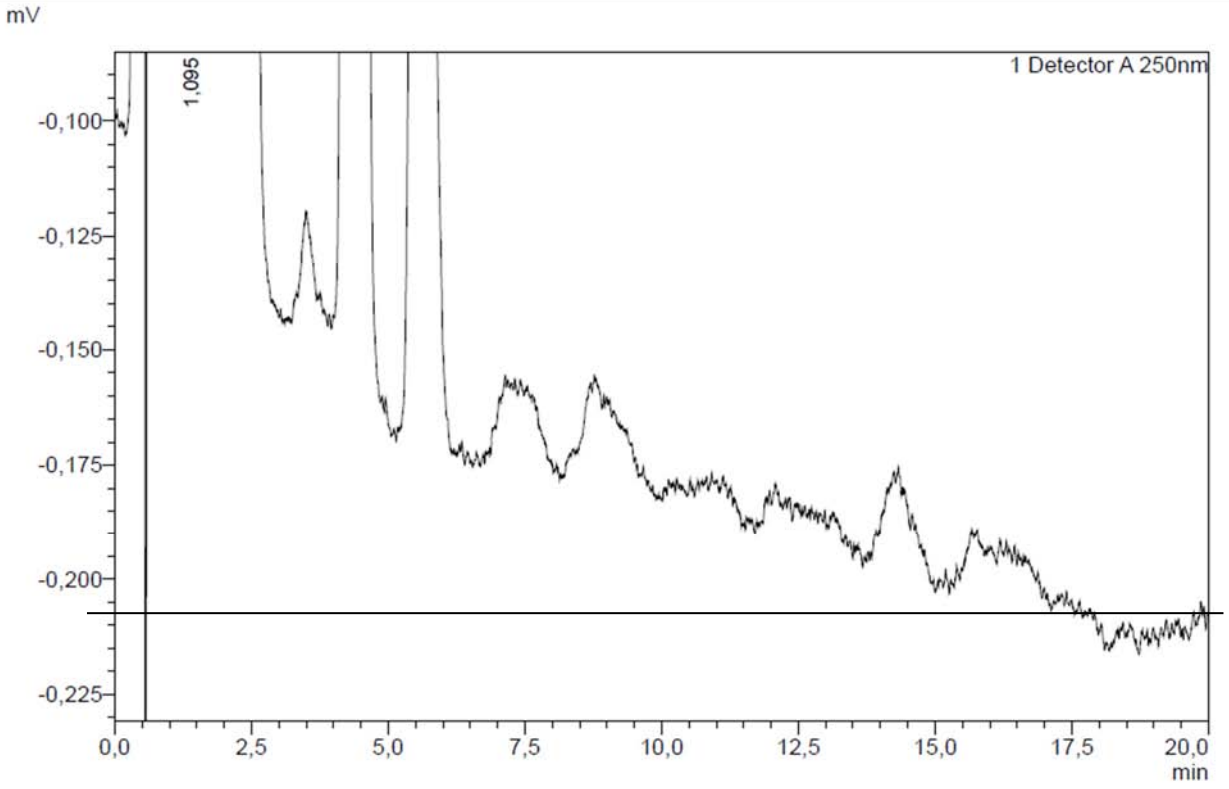



**<Peak Table>**

Detector A 250nm

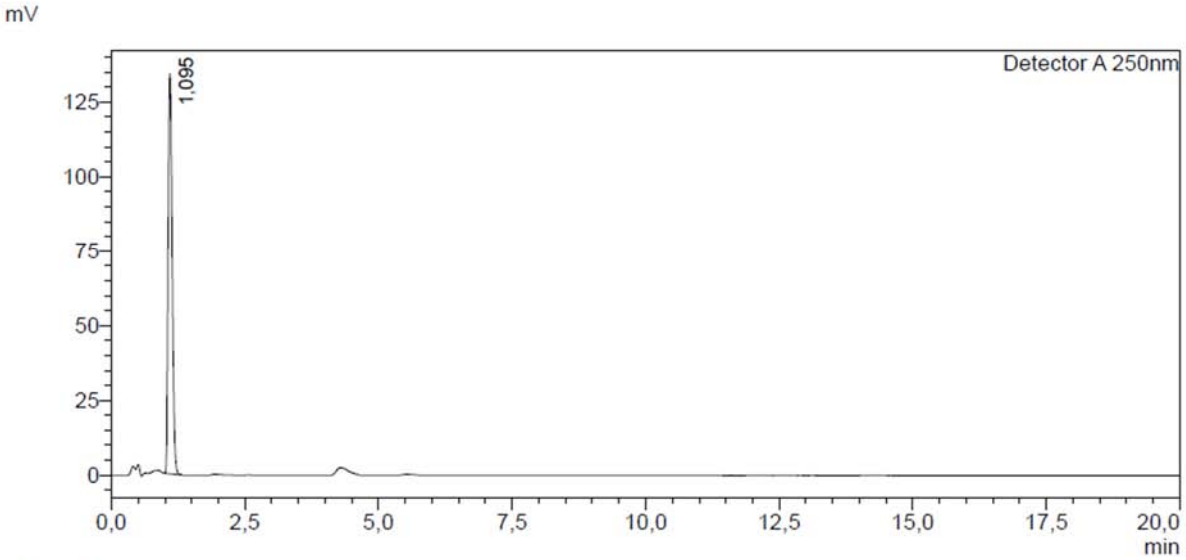
| Peak# | Ret. Time | Area | Height | Name | S/N | Noise |
|---|---|---|---|---|---|---|
| 1 | 1,095 | 701318 | 133591 | Cafeína | 18119,51 | 7,37 |
| Total | | 701318 | 133591 | | | |

| Estabilidade da Linha de Base: | |
|---|---|
| **Valor máximo: -0.100 mAU** | **Diferença (em 20 minutos): 0.107 mAU** |
| **Valor mínimo: -0.207 mAU** | **Diferença (em 60 minutos): 0.107 x 3 = 0.321 mAU** |




**Altura do Pico:**

**Valor: 133.591 mAU**




**<Peak Table>**

Detector A 250nm

| Peak# | Ret. Time | Area | Height | Name | S/N | Noise |
|---|---|---|---|---|---|---|
| 1 | 1,095 | 701318 | 133591 | Cafeína | 18119,51 | 7,37 |
| Total | | 701318 | 133591 | | | |

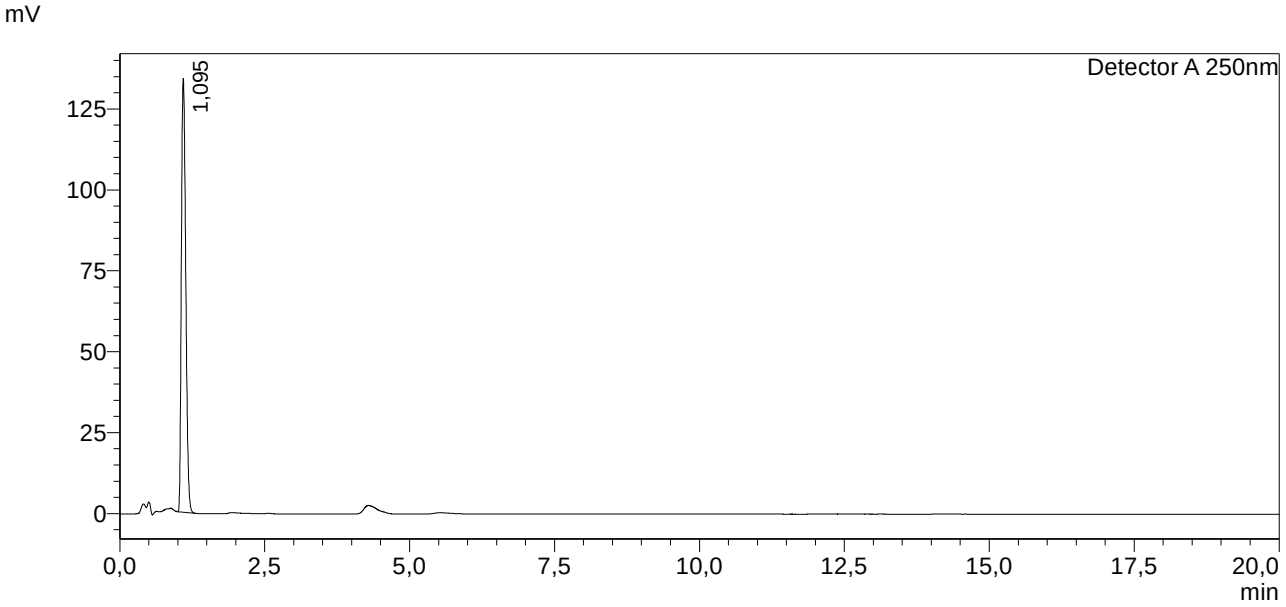
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : RELB 01 | | |
| Sample ID | : RELB 01 | | |
| Data Filename | : Qualificação CE230_10062024_016.lcd | | |
| Method Filename | : RELB CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-18 | Sample Type | : Unknown |
| Injection Volume | : 20 uL | | |
| Date Acquired | : 10/06/2024 13:17:54 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:56:09 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 250nm

| Peak# | Ret. Time | Area | Height | Name | S/N | Noise |
|---|---|---|---|---|---|---|
| 1 | 1,095 | 701318 | 133591 | Cafeína | 18119,51 | 7,37 |
| Total | | 701318 | 133591 | | | |

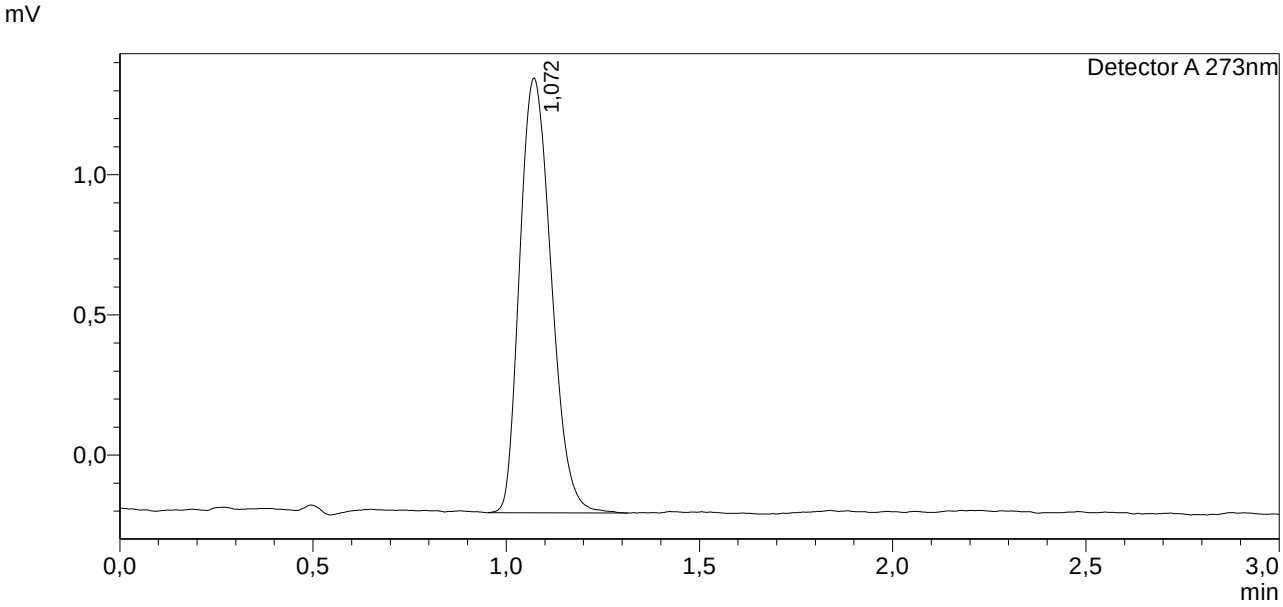
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LIIN 01 | | |
| Sample ID | : LIIN 01 | | |
| Data Filename | : Qualificação CE230_10062024_017.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-19 | Sample Type | : Unknown |
| Injection Volume | : 0,1 uL | | |
| Date Acquired | : 10/06/2024 13:38:22 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:56:34 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,072 | 8800 | 1550 | 0,000 | mg/L | | Cafeína |
| Total | | 8800 | 1550 | | | | |

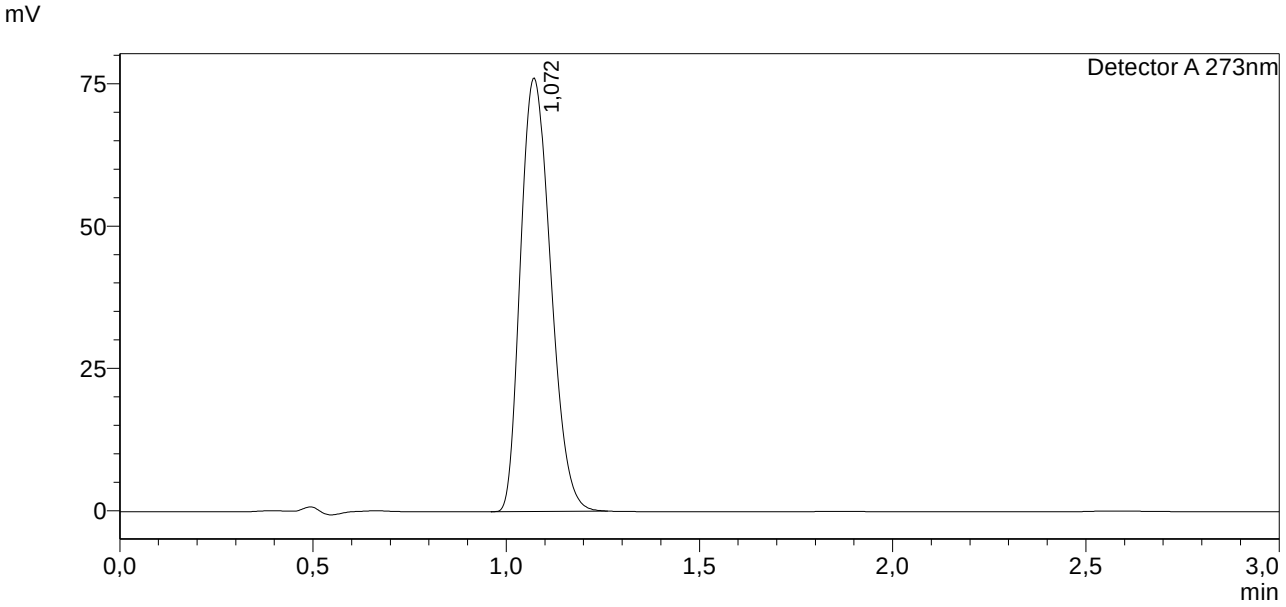
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LIIN 02 | | |
| Sample ID | : LIIN 02 | | |
| Data Filename | : Qualificação CE230_10062024_018.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-19 | Sample Type | : Unknown |
| Injection Volume | : 5 uL | | |
| Date Acquired | : 10/06/2024 13:41:50 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:57:15 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,072 | 413941 | 76134 | 0,000 | mg/L | | Cafeína |
| Total | | 413941 | 76134 | | | | |

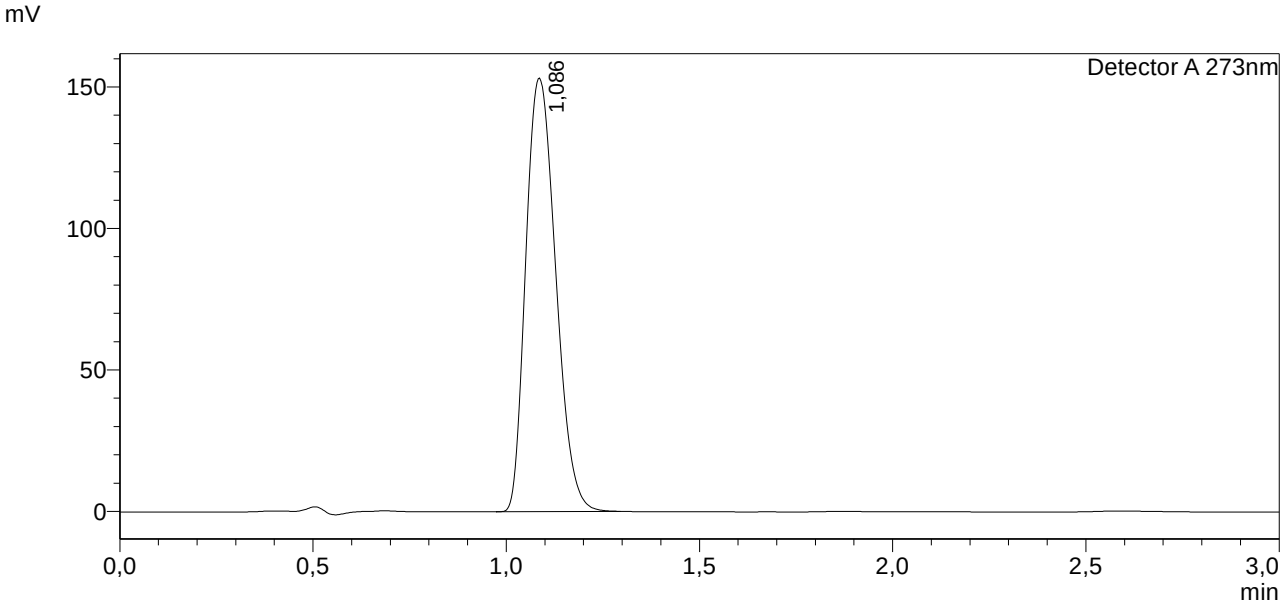
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LIIN 03 | | |
| Sample ID | : LIIN 03 | | |
| Data Filename | : Qualificação CE230_10062024_019.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-19 | Sample Type | : Unknown |
| Injection Volume | : 10 uL | | |
| Date Acquired | : 10/06/2024 13:45:18 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 08:58:06 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,086 | 824049 | 153140 | 0,000 | mg/L | | Cafeína |
| Total | | 824049 | 153140 | | | | |

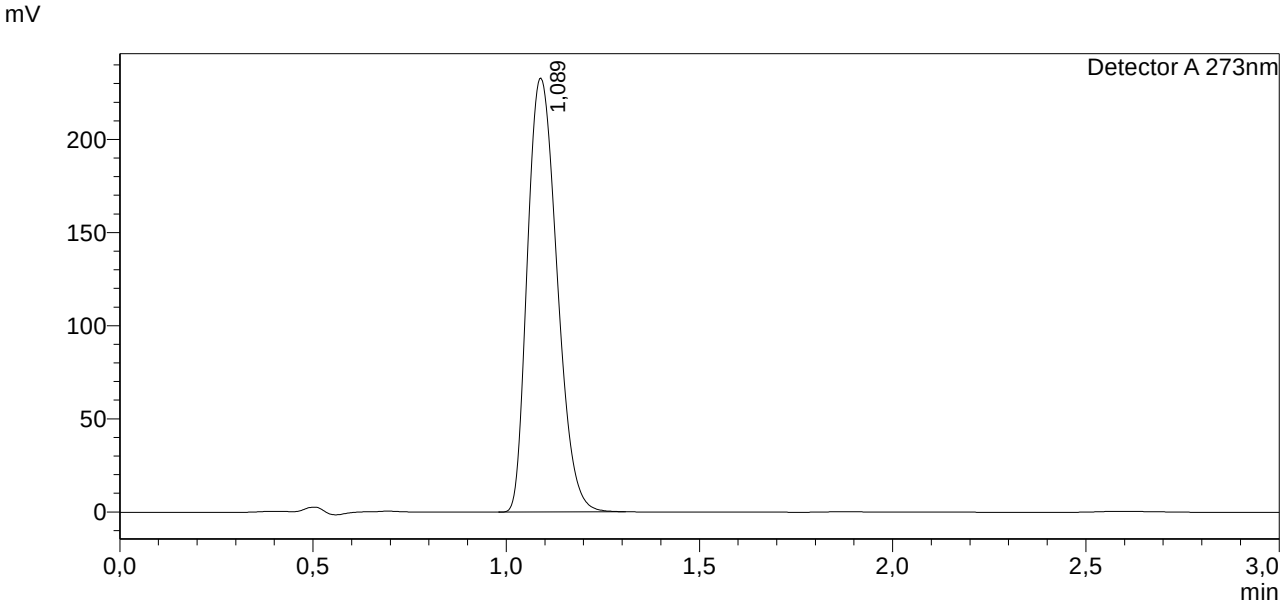
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LIIN 04 | | |
| Sample ID | : LIIN 04 | | |
| Data Filename | : Qualificação CE230_10062024_020.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-19 | Sample Type | : Unknown |
| Injection Volume | : 15 uL | | |
| Date Acquired | : 10/06/2024 13:48:46 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 09:00:11 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,089 | 1238699 | 232228 | 0,000 | mg/L | | Cafeína |
| Total | | 1238699 | 232228 | | | | |

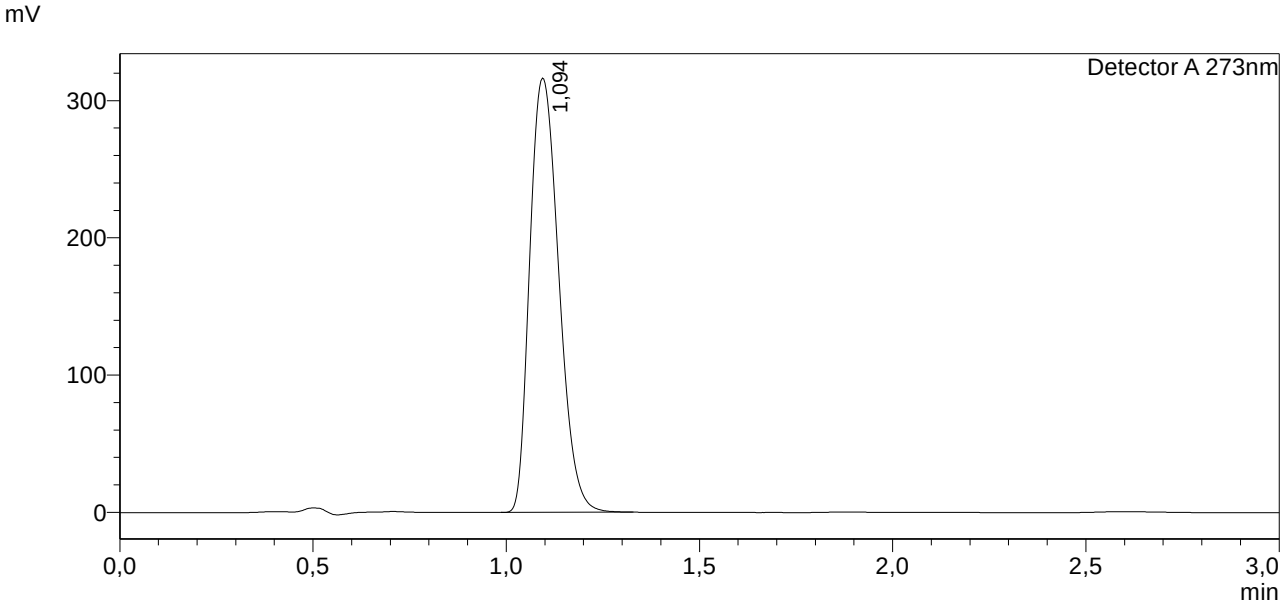
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : LIIN 05 | | |
| Sample ID | : LIIN 05 | | |
| Data Filename | : Qualificação CE230_10062024_021.lcd | | |
| Method Filename | : Qualificação CE230.lcm | | |
| Batch Filename | : Qualificação CE230.lcb | | |
| Vial # | : 1-19 | Sample Type | : Unknown |
| Injection Volume | : 20 uL | | |
| Date Acquired | : 10/06/2024 13:52:15 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 09:02:18 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 1,094 | 1647048 | 315388 | 0,000 | mg/L | | Cafeína |
| Total | | 1647048 | 315388 | | | | |

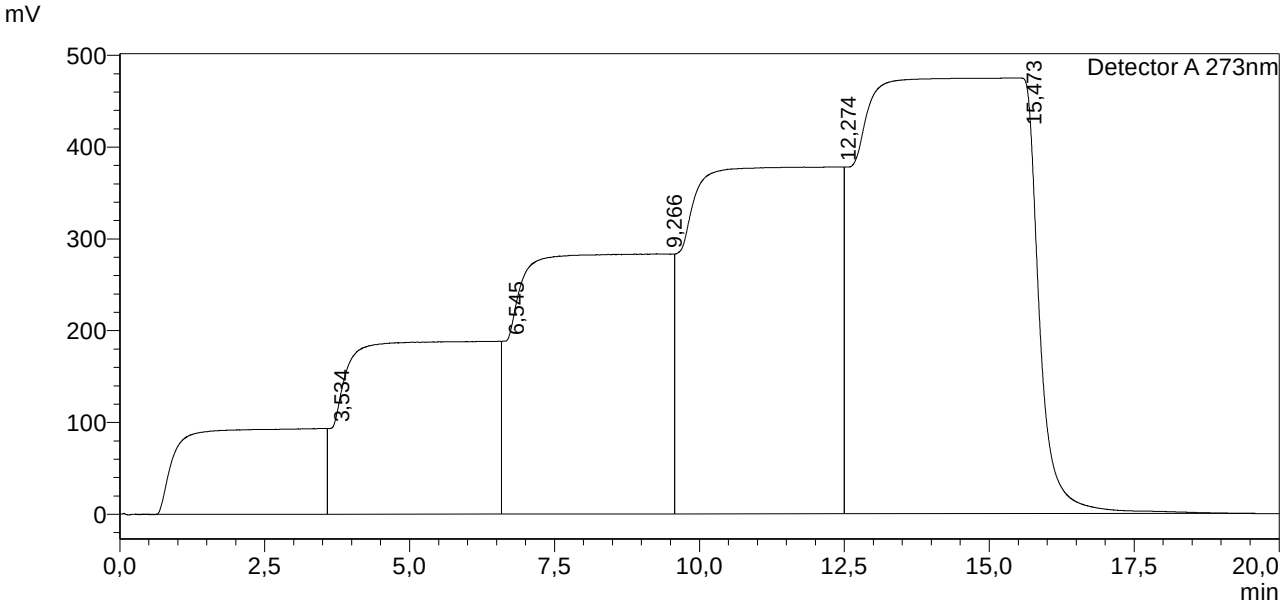
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : Gradiente AB | | |
| Sample ID | : Gradiente AB | | |
| Data Filename | : Gradiente AB01.lcd | | |
| Method Filename | : Gradiente AB CE230.lcm | | |
| Batch Filename | : | | |
| Vial # | : 1-11 | Sample Type | : Unknown |
| Injection Volume | : 0,1 uL | | |
| Date Acquired | : 11/06/2024 09:40:10 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 10:08:51 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 3,534 | 14887469 | 93407 | 0,000 | mg/L | M | 20% |
| 2 | 6,545 | 32070541 | 188274 | 0,000 | mg/L | V M | 40% |
| 3 | 9,266 | 48829403 | 283306 | 0,000 | mg/L | V M | 60% |
| 4 | 12,274 | 64420118 | 377870 | 0,000 | mg/L | V M | 80% |
| 5 | 15,473 | 94690706 | 474491 | 0,000 | mg/L | V M | 100% |
| Total | | 254898236 | 1417349 | | | | |

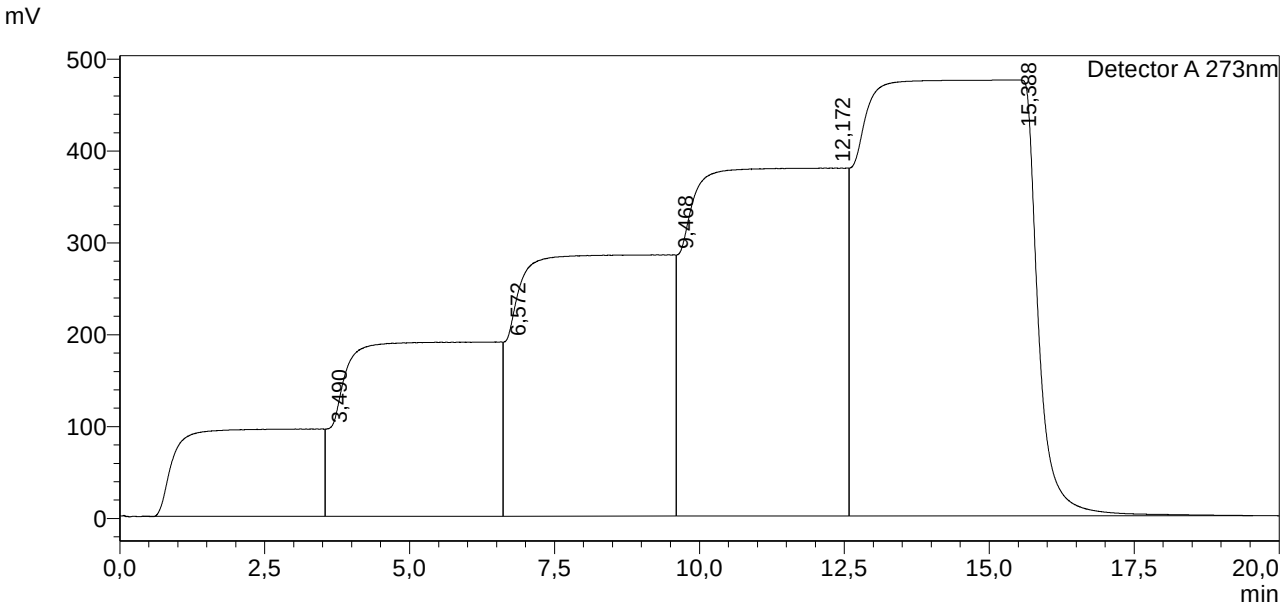
SHIMADZU LabSolutions

# Analysis Report

## <Sample Information>

| | | | |
|---|---|---|---|
| Sample Name | : Gradiente CD | | |
| Sample ID | : Gradiente CD | | |
| Data Filename | : Gradiente CD02.lcd | | |
| Method Filename | : Gradiente CD CE230.lcm | | |
| Batch Filename | : | | |
| Vial # | : 1-11 | Sample Type | : Unknown |
| Injection Volume | : 0,1 uL | | |
| Date Acquired | : 11/06/2024 10:28:13 | Acquired by | : Fernanda Santos |
| Date Processed | : 11/06/2024 10:48:16 | Processed by | : Fernanda Santos |

## <Chromatogram>




## <Peak Table>

Detector A 273nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Mark | Name |
|---|---|---|---|---|---|---|---|
| 1 | 3,490 | 15033815 | 95013 | 5,882 | | M | |
| 2 | 6,572 | 32964255 | 189630 | 12,896 | | V M | |
| 3 | 9,468 | 49300604 | 284360 | 19,288 | | V M | |
| 4 | 12,172 | 66025172 | 378649 | 25,831 | | V M | |
| 5 | 15,388 | 92284452 | 474314 | 36,104 | | V M | |
| Total | | 255608298 | 1421965 | | | | |