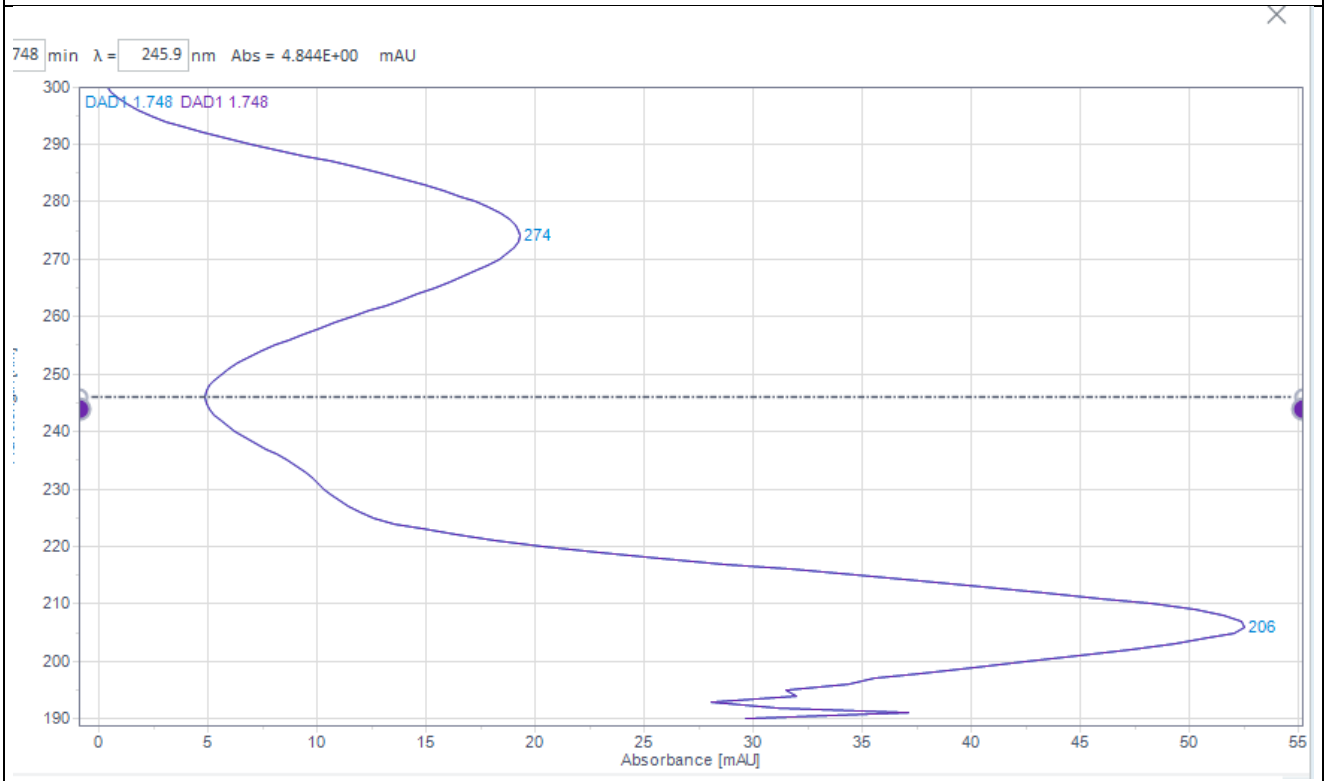
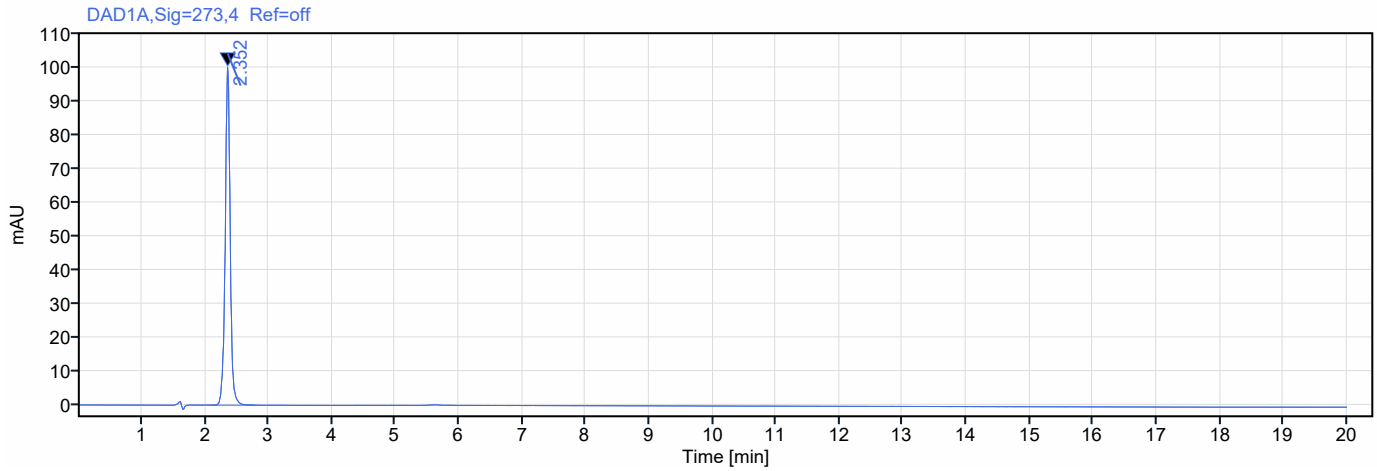
# Relatório
# Comprimento de Onda

| Detector DAD – G1315B – N/S DE33219541 | Data: 07/12/2022 |
|---|---|
| **Comprimento de onda encontrado para o pico em 205nm: 206,0nm** | |
| **Comprimento de onda encontrado para o vale em 245nm: 245,9nm** | |
| **Comprimento de onda encontrado para o pico em 273nm: 274,0nm** | |



# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | 2022-12-07 Qualificação Sinal Ruído.dx | | |
| **Sequence Name:** | SingleSample | **Project Name:** | IQOQ |
| **Sample name:** | 2022-12-07 Qualificação Sinal Ruído | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 14:38:25-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 4 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Sinal Ruído 2.pmx | **Sample amount:** | 0.00 |
| **Manually modified:** | None | | |

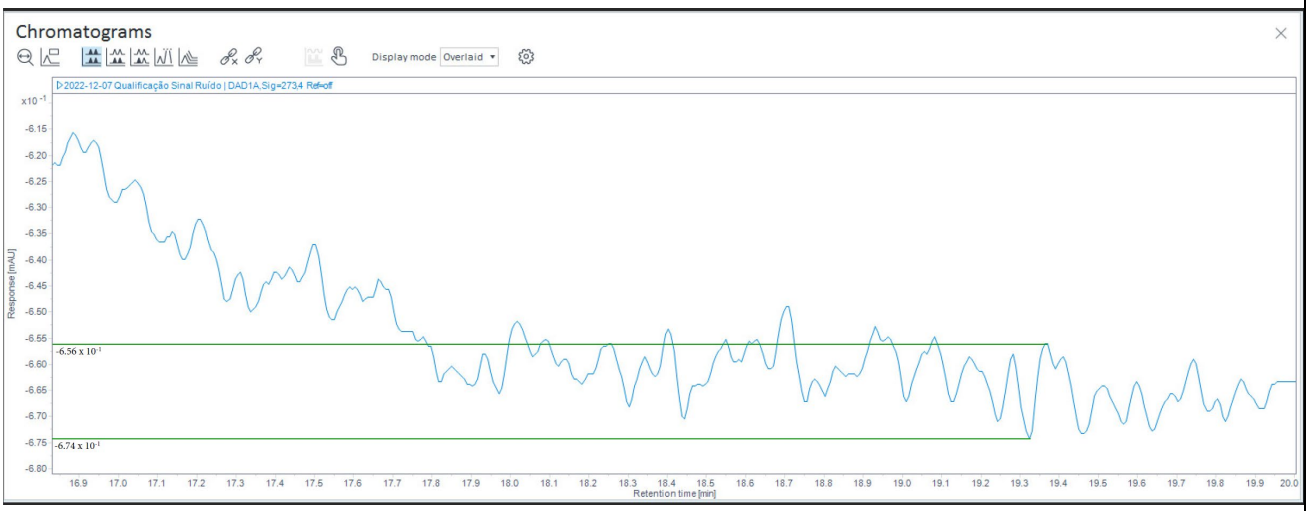



**Signal:** DAD1A,Sig=273,4 Ref=off

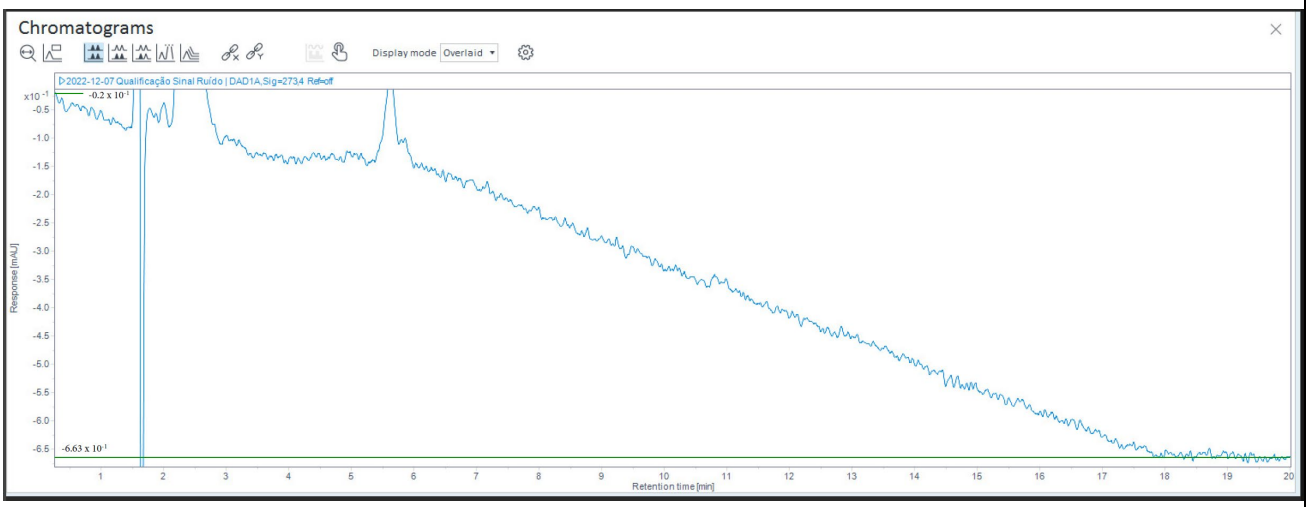
| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.352 | BBA | 0.70 | 548.91 | 100.37 | 100.00 | Cafeína |
| | | **Sum** | **548.91** | | | |

# Relatório SRELB

| Detector DAD – G1315B – N/S DE33219541 | Data: 07/12/2022 |
|---|---|
| **Ruído:** | |
| **Valor máximo: -0.656 mAU** | **Diferença: 0.018 mAU** |
| **Valor mínimo: -0.674 mAU** | |

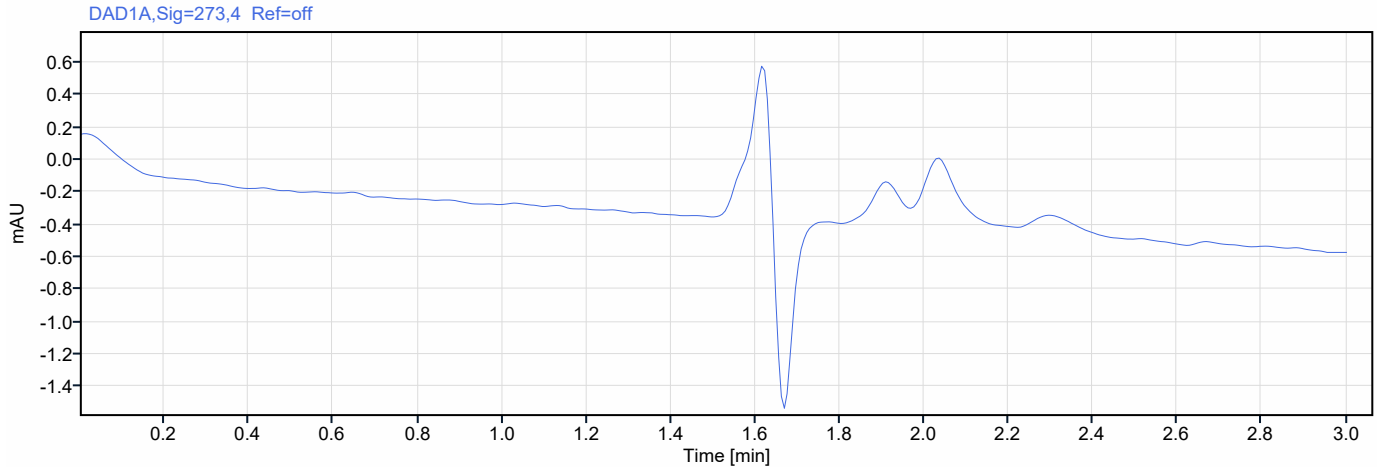



| Estabilidade da Linha de Base: | |
|---|---|
| **Valor máximo: -0.020 mAU** | **Diferença (em 20 minutos): 0.643 mAU** |
| **Valor mínimo: -0.663 mAU** | **Diferença (em 60 minutos): 0.643 x 3 = 1.929 mAU** |



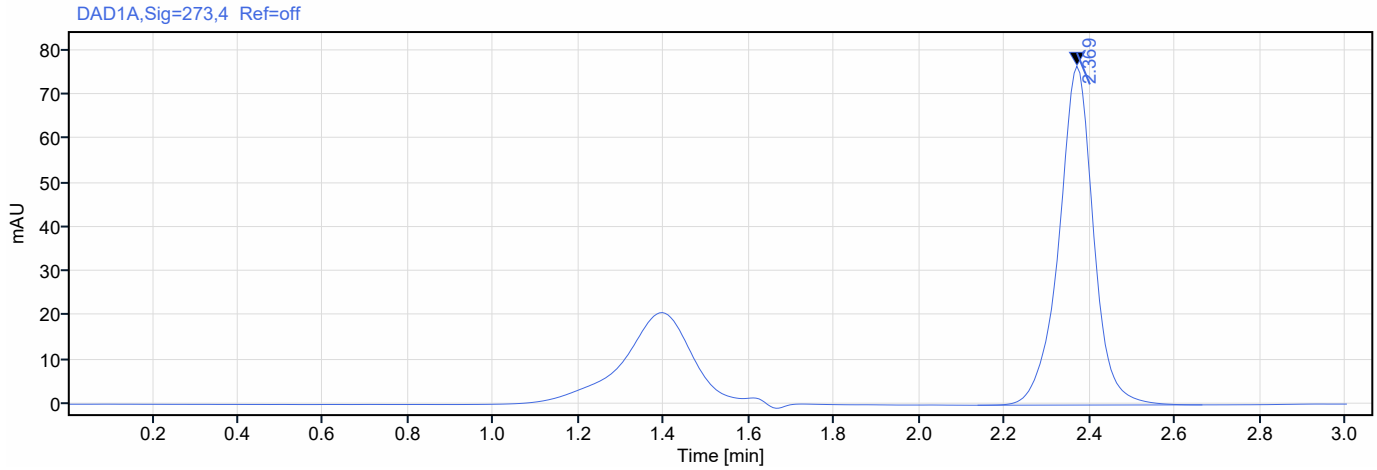
# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | Branco 01.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | Branco 01 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:07:31-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 2 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |



# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | PC1N 01.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | PC1N 01 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:11:29-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 3 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

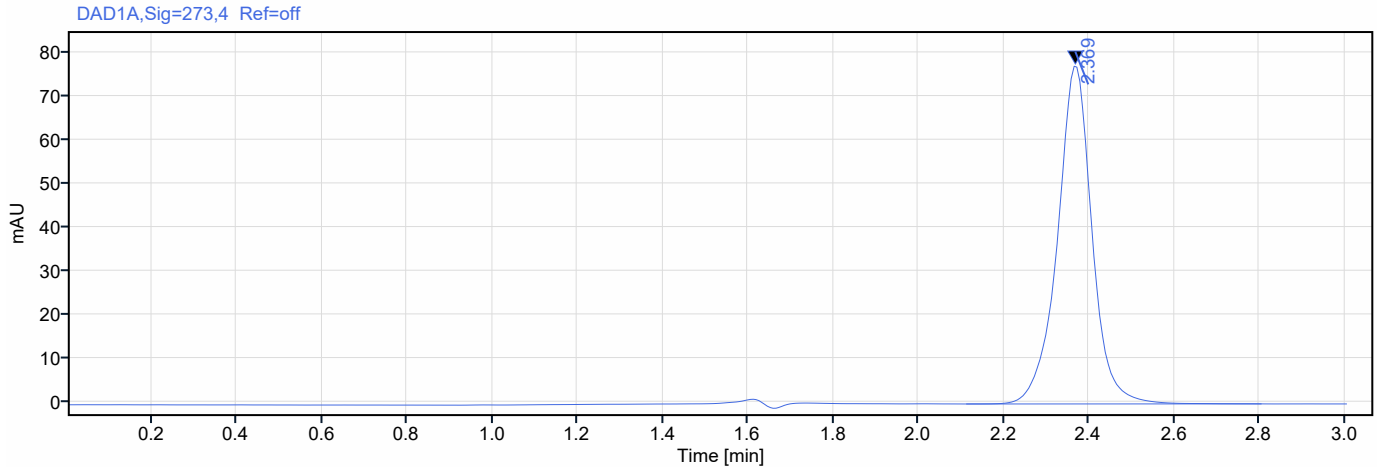



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.369 | BB | 0.53 | 433.91 | 76.84 | 100.00 | Cafeína |
| | | **Sum** | **433.91** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | PC1N 02.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | PC1N 02 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:15:26-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 3 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

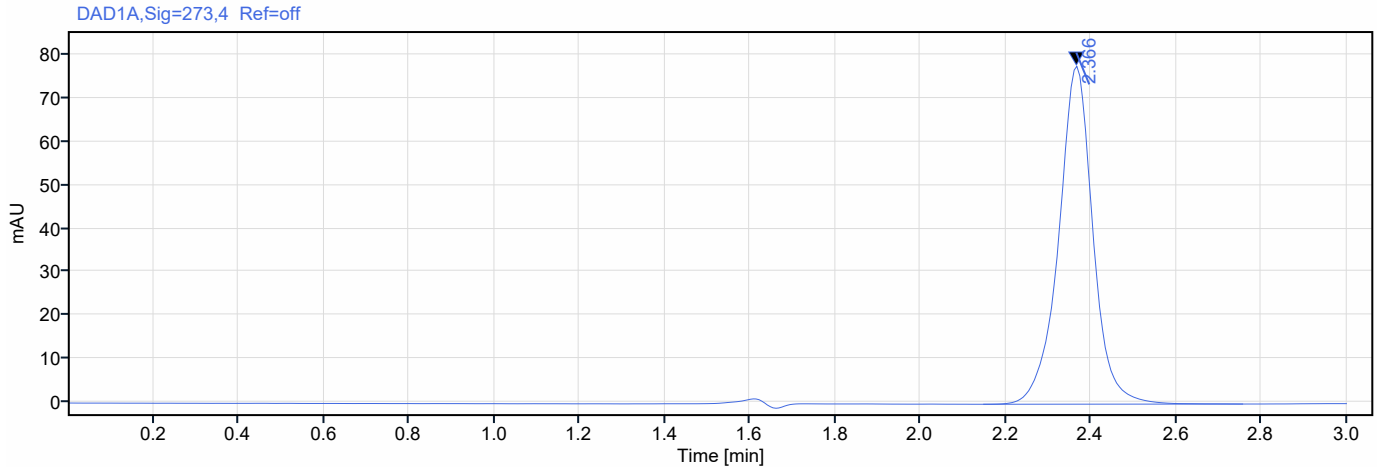



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.369 | BBA | 0.69 | 436.91 | 77.69 | 100.00 | Cafeína |
| | | **Sum** | **436.91** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | PC1N 03.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | PC1N 03 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:19:28-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 3 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

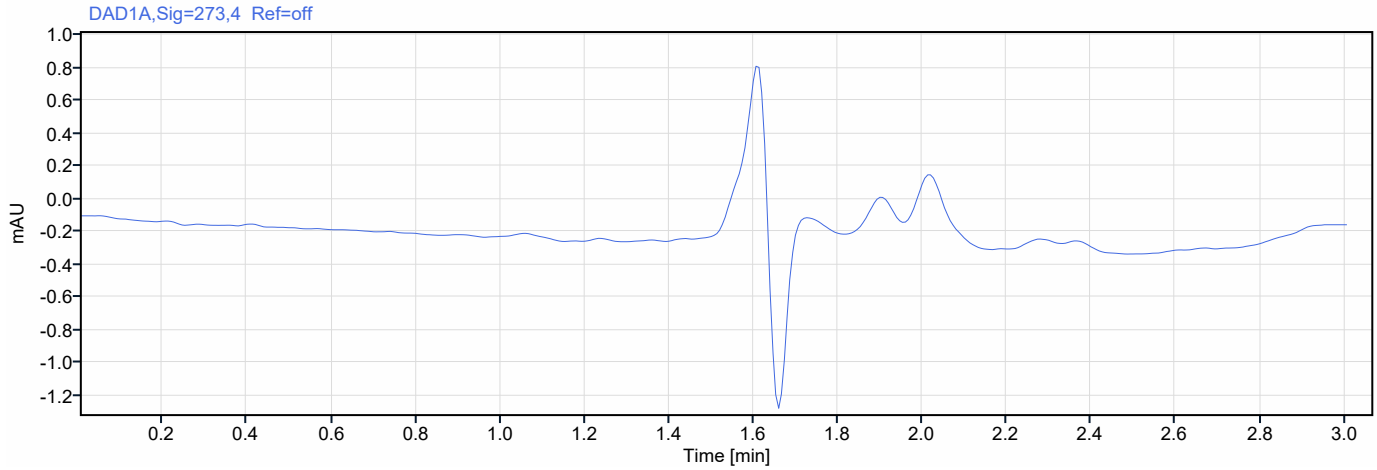



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.366 | BB | 0.61 | 434.77 | 77.72 | 100.00 | Cafeína |
| | | **Sum** | **434.77** | | | |

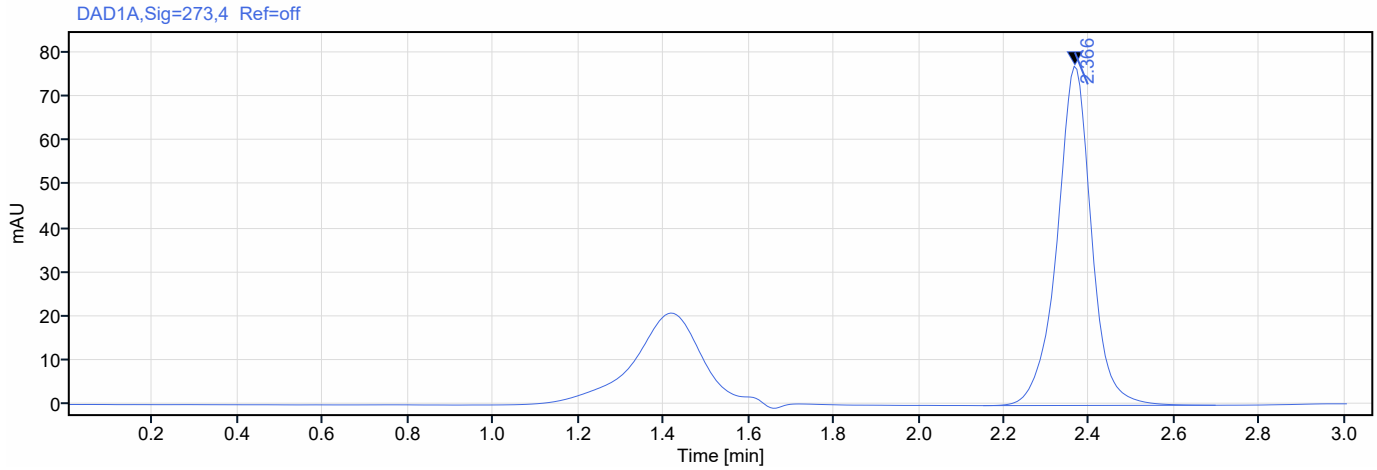
# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | Branco 02.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | Branco 02 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:23:26-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 2 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |



# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | PC1N 04.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | PC1N 04 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:27:23-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 3 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

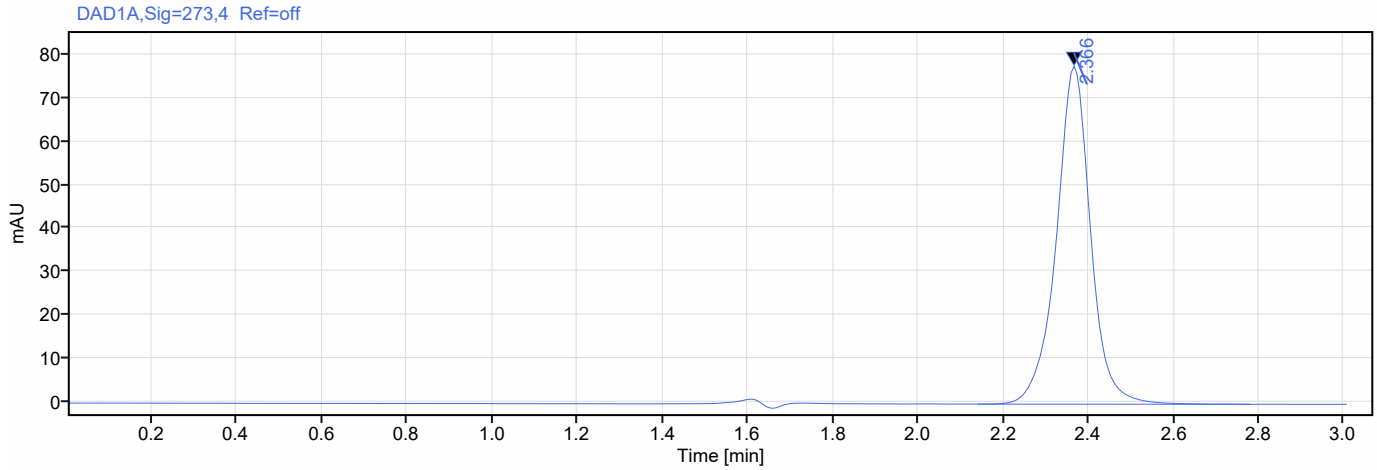



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.366 | BB | 0.55 | 433.33 | 77.44 | 100.00 | Cafeína |
| | | **Sum** | **433.33** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | PC1N 05.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | PC1N 05 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:31:21-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 3 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

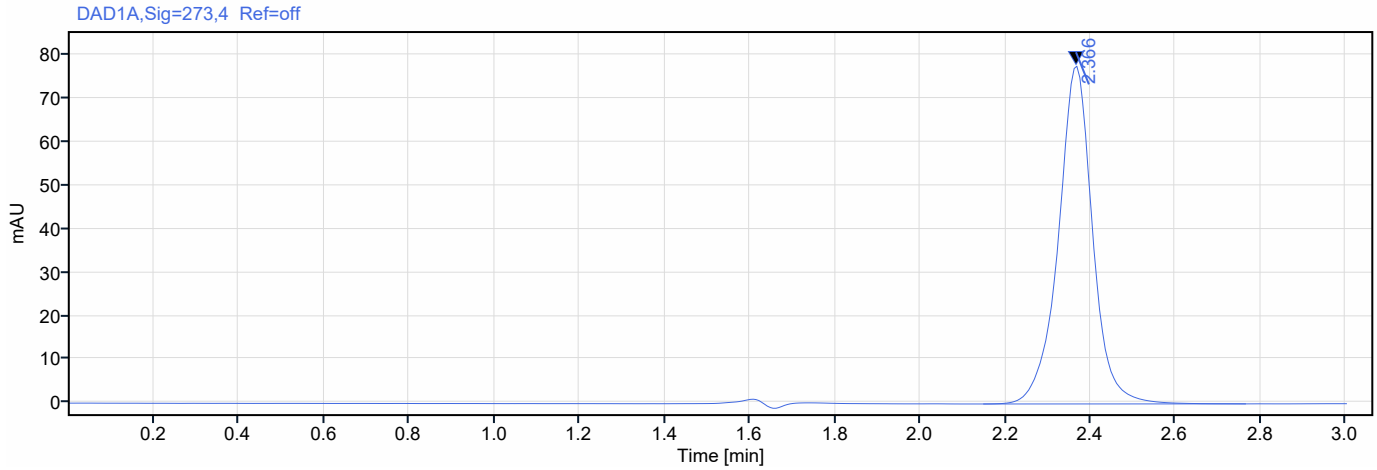



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.366 | BBA | 0.64 | 434.43 | 77.68 | 100.00 | Cafeína |
| | | **Sum** | **434.43** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | PC1N 06.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | PC1N 06 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:35:18-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 3 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

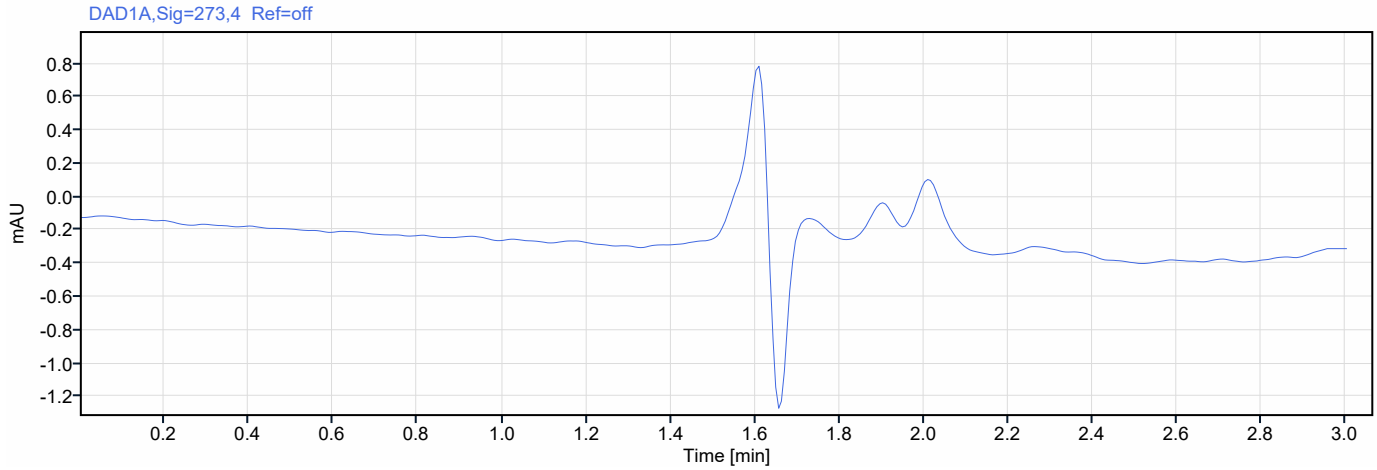



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.366 | BBA | 0.62 | 435.48 | 77.89 | 100.00 | Cafeína |
| | | **Sum** | **435.48** | | | |

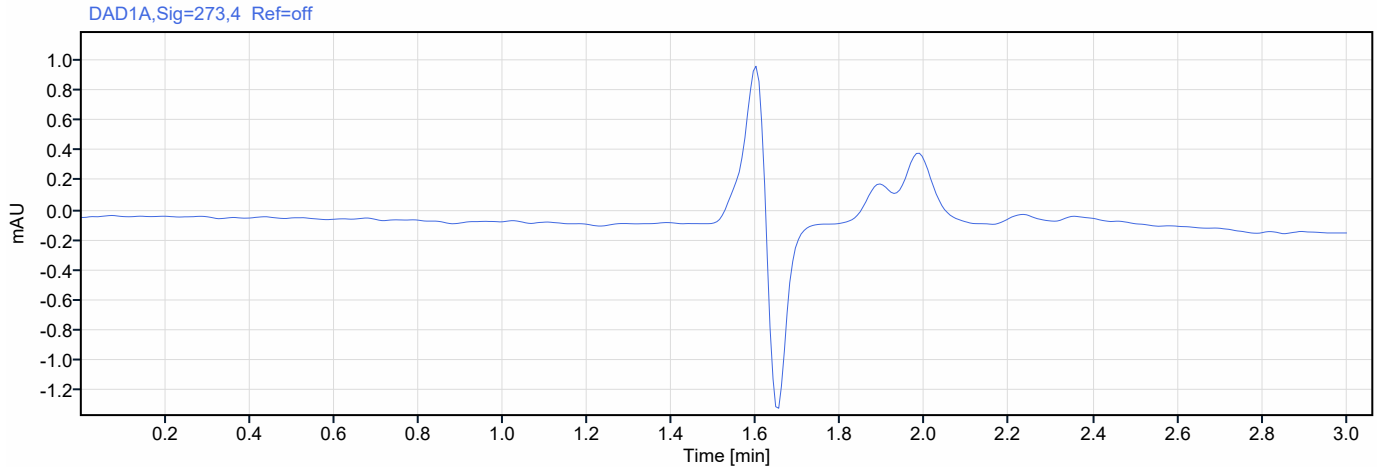
# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | Branco 03.dx | | |
| **Sequence Name:** | PCIN 2022 - 2 | **Project Name:** | IQOQ |
| **Sample name:** | Branco 03 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 12:39:17-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 2 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Repetibilidade.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |



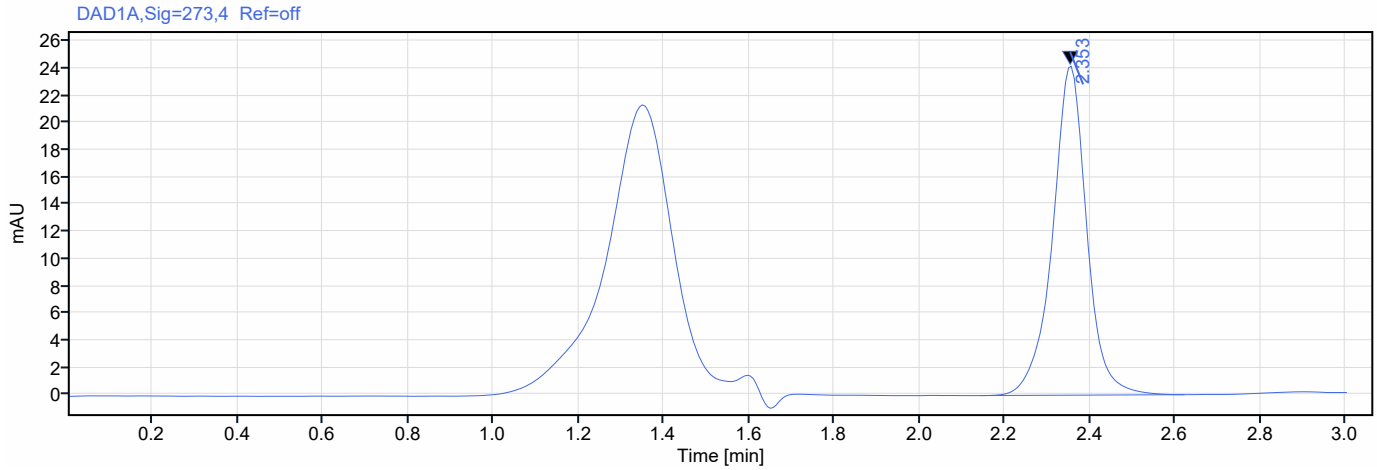
# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LDUV 1.dx | | |
| **Sequence Name:** | 2022-12-07 LDUV 2 | **Project Name:** | IQOQ |
| **Sample name:** | LDUV 1 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 15:19:18-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 6 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade UV 2.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |



# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LDUV 2.dx | | |
| **Sequence Name:** | 2022-12-07 LDUV 2 | **Project Name:** | IQOQ |
| **Sample name:** | LDUV 2 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 15:23:19-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 7 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade UV 2.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

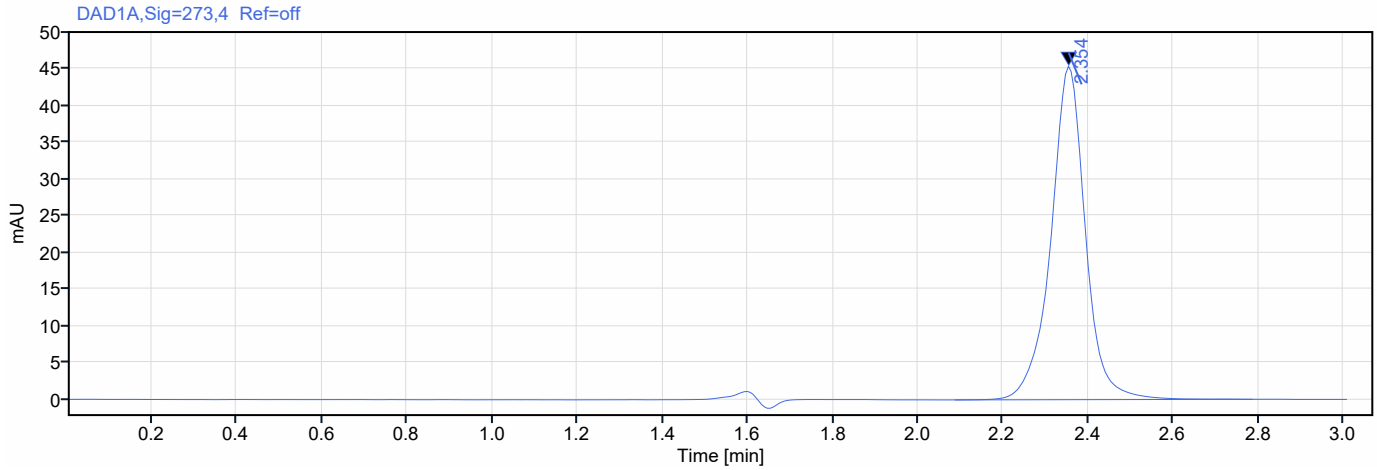



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.353 | BB | 0.48 | 134.73 | 24.23 | 100.00 | Cafeína |
| | | **Sum** | **134.73** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LDUV 3.dx | | |
| **Sequence Name:** | 2022-12-07 LDUV 2 | **Project Name:** | IQOQ |
| **Sample name:** | LDUV 3 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 15:27:19-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 8 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade UV 2.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

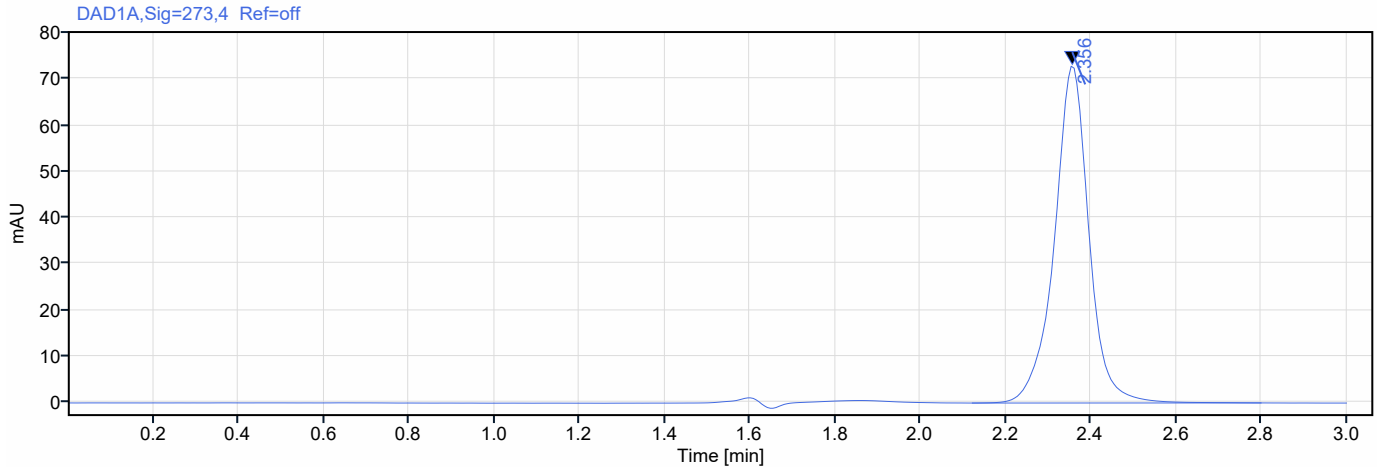



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.354 | BBA | 0.70 | 255.85 | 45.49 | 100.00 | Cafeína |
| | | **Sum** | **255.85** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LDUV 4.dx | | |
| **Sequence Name:** | 2022-12-07 LDUV 2 | **Project Name:** | IQOQ |
| **Sample name:** | LDUV 4 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 15:31:20-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 9 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade UV 2.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

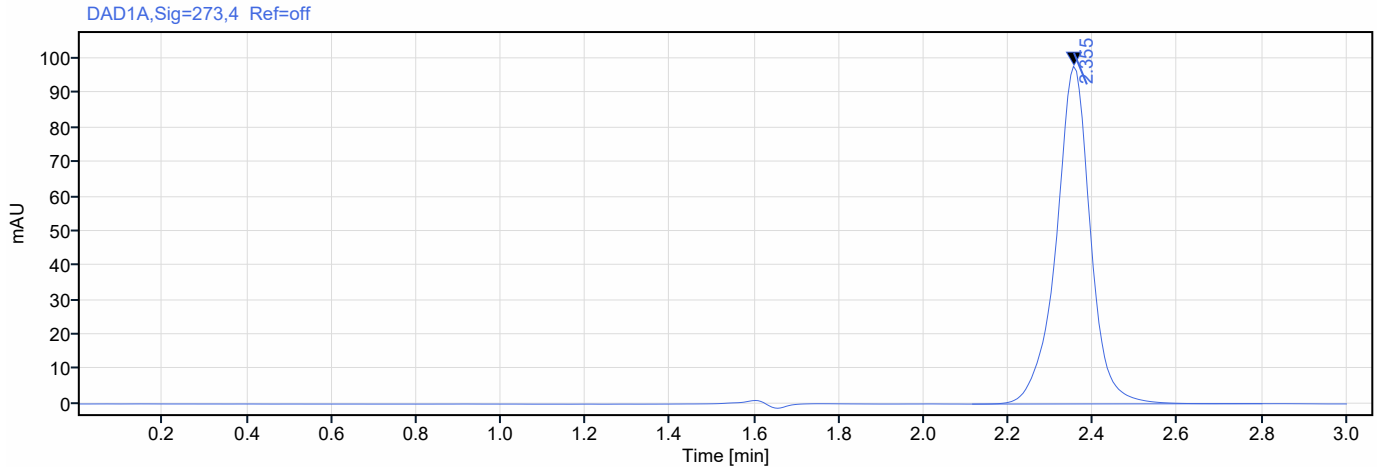



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.356 | BBA | 0.68 | 411.23 | 73.10 | 100.00 | Cafeína |
| | | **Sum** | **411.23** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LDUV 5.dx | | |
| **Sequence Name:** | 2022-12-07 LDUV 2 | **Project Name:** | IQOQ |
| **Sample name:** | LDUV 5 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 15:35:26-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 10 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade UV 2.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

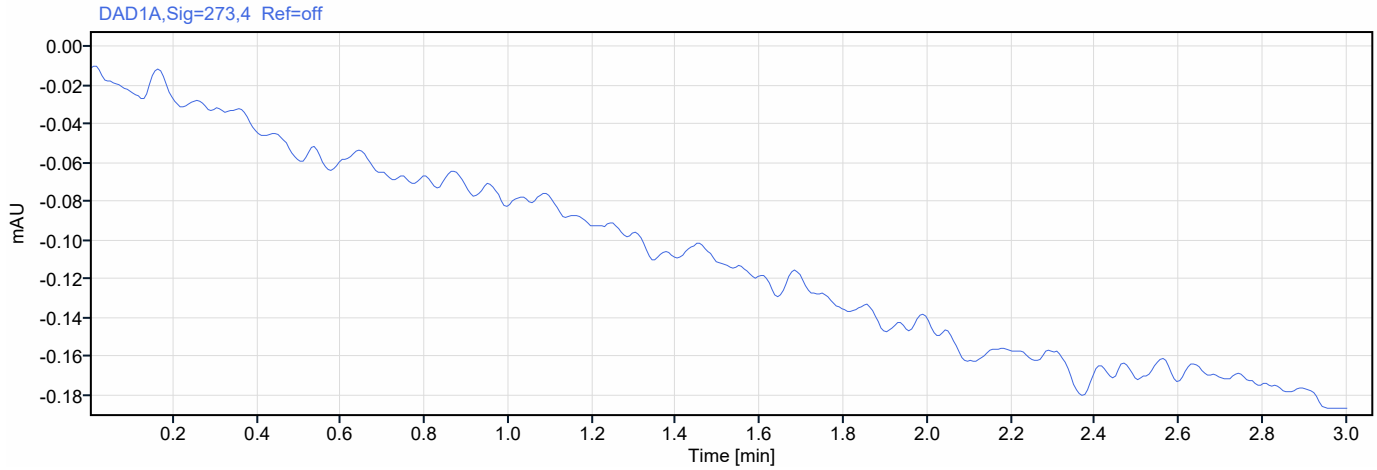



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.355 | BBA | 0.69 | 551.43 | 97.91 | 100.00 | Cafeína |
| | | **Sum** | **551.43** | | | |

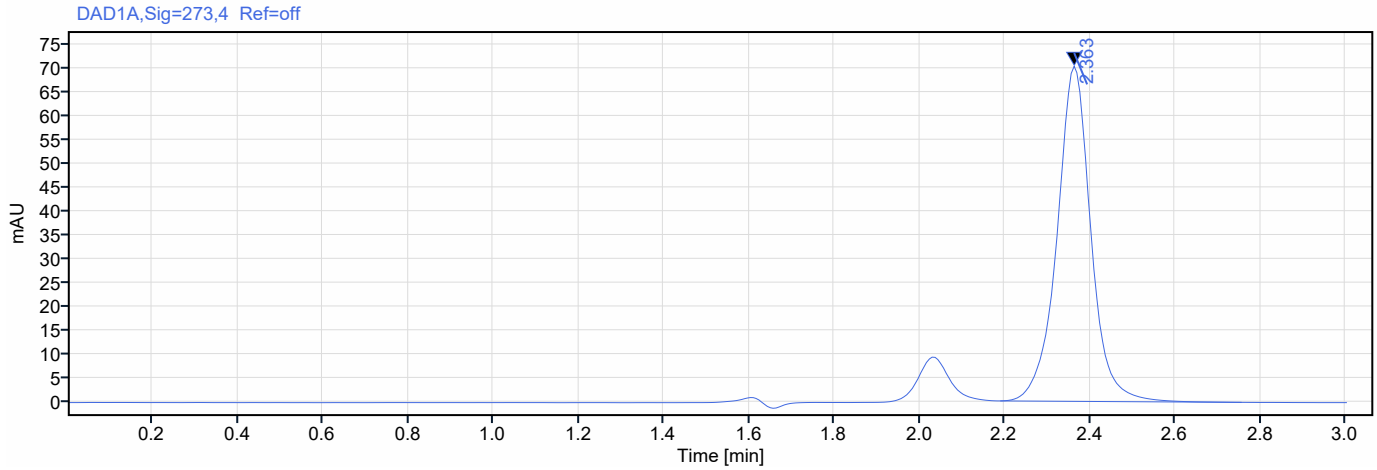
# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LIIN 1.dx | | |
| **Sequence Name:** | 2022-12-07 LIIN | **Project Name:** | IQOQ |
| **Sample name:** | LIIN 1 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 13:33:40-03:00 |
| **Inj. volume:** | 0.000 µL | **Location:** | 5 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade Injetor.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |



# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LIIN 2.dx | | |
| **Sequence Name:** | 2022-12-07 LIIN | **Project Name:** | IQOQ |
| **Sample name:** | LIIN 2 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 13:37:41-03:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | 5 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade Injetor.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

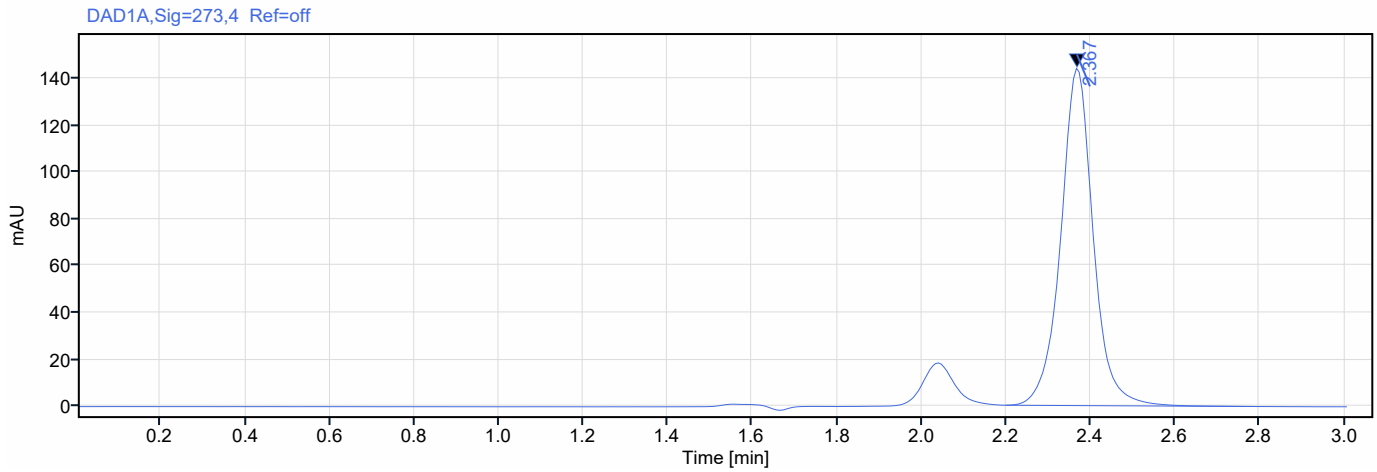



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.363 | BBA | 0.57 | 388.23 | 70.39 | 100.00 | Cafeína |
| | | **Sum** | **388.23** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LIIN 3.dx | | |
| **Sequence Name:** | 2022-12-07 LIIN | **Project Name:** | IQOQ |
| **Sample name:** | LIIN 3 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 13:41:42-03:00 |
| **Inj. volume:** | 10.000 µL | **Location:** | 5 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade Injetor.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

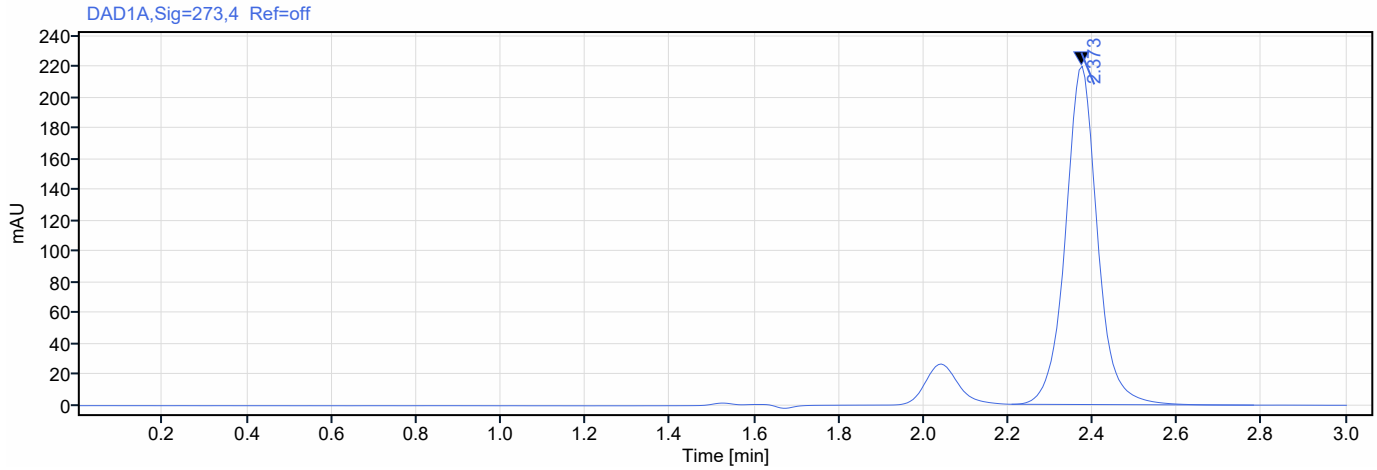



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.367 | BBA | 0.60 | 771.20 | 144.45 | 100.00 | Cafeína |
| | | **Sum** | **771.20** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LIIN 4.dx | | |
| **Sequence Name:** | 2022-12-07 LIIN | **Project Name:** | IQOQ |
| **Sample name:** | LIIN 4 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 13:45:46-03:00 |
| **Inj. volume:** | 15.000 µL | **Location:** | 5 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade Injetor.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

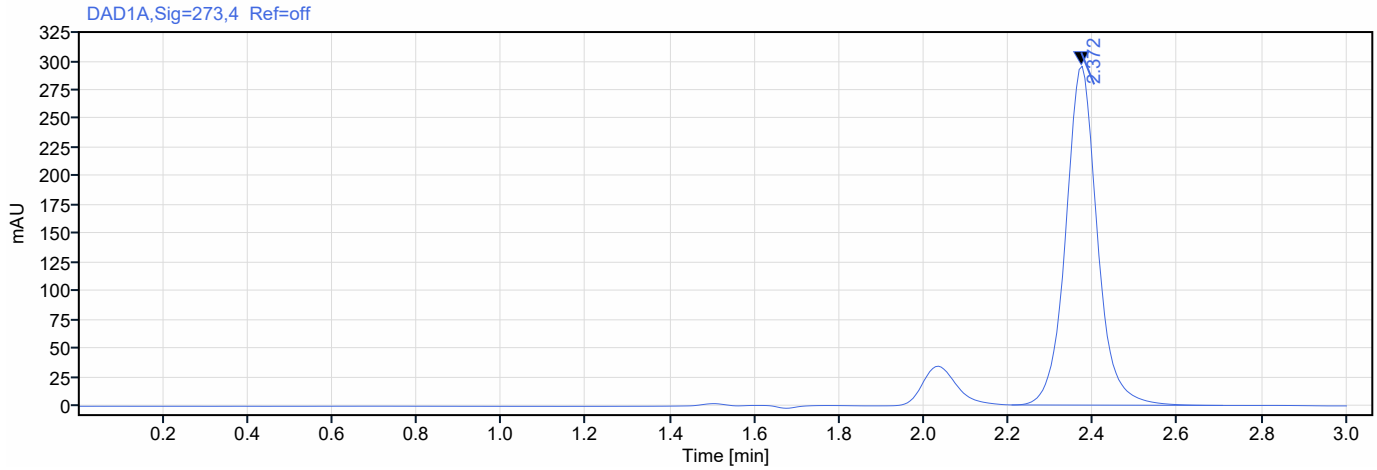



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.373 | BB | 0.57 | 1156.55 | 220.51 | 100.00 | Cafeína |
| | | **Sum** | **1156.55** | | | |

# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | LIIN 5.dx | | |
| **Sequence Name:** | 2022-12-07 LIIN | **Project Name:** | IQOQ |
| **Sample name:** | LIIN 5 | **Operator:** | Leandro Bustamante |
| **Instrument:** | LC01 | **Injection date:** | 2022-12-07 13:49:53-03:00 |
| **Inj. volume:** | 20.000 µL | **Location:** | 5 |
| **Acq. method:** | Qualificacao2022.amx | **Type:** | Sample |
| **Processing method:** | *2022-12-07 Qualificação Linearidade Injetor.pmx | **Sample amount:** | 1.00 |
| **Manually modified:** | None | | |

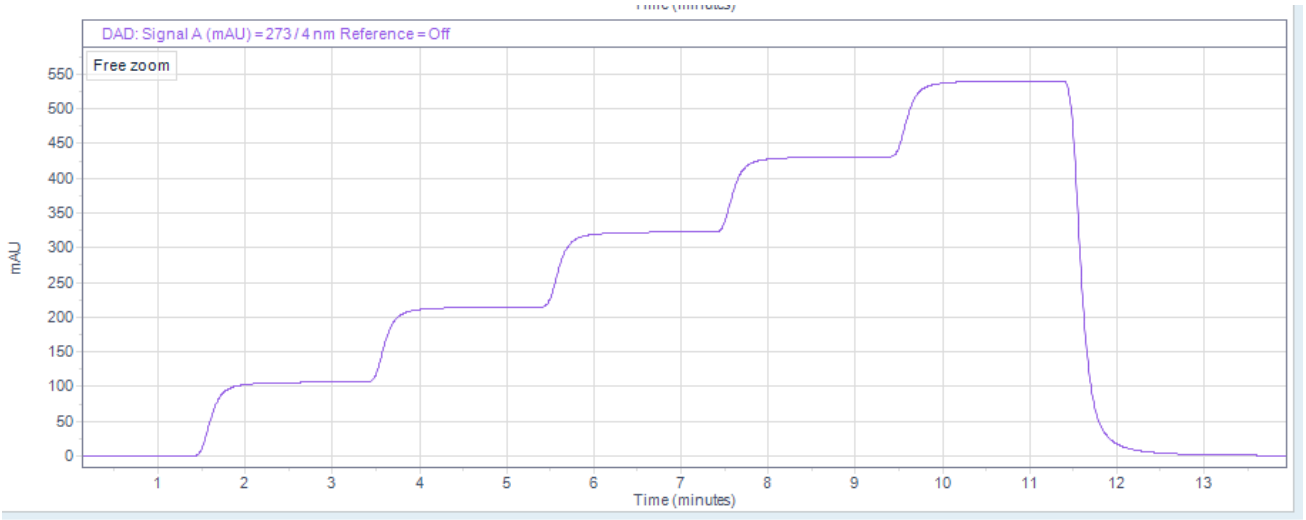



**Signal:** DAD1A,Sig=273,4 Ref=off

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 2.372 | BB | 0.50 | 1533.56 | 295.82 | 100.00 | Cafeína |
| | | **Sum** | **1533.56** | | | |

# Relatório GRBO

| Bomba Quaternária – G1311A – N/S DE62957736 | Data: 07/12/2022 |
|---|---|
| **Canais A e B:** | |
| **Valor de absorbância para 0% de B: 0.0 mAU** | |
| **Valor de absorbância para 20% de B: 106.5 mAU** | |
| **Valor de absorbância para 40% de B: 214.4 mAU** | |
| **Valor de absorbância para 60% de B: 322.7 mAU** | |
| **Valor de absorbância para 80% de B: 430.8 mAU** | |
| **Valor de absorbância para 100% de B: 540.1 mAU** | |



# Relatório GRBO

| Bomba Quaternária – G1311A – N/S DE62957736 | Data: 07/12/2022 |
|---|---|
| **Canais C e D:** | |
| **Valor de absorbância para 0% de D: 0.0 mAU** | |
| **Valor de absorbância para 20% de D: 107.5 mAU** | |
| **Valor de absorbância para 40% de D: 214.8 mAU** | |
| **Valor de absorbância para 60% de D: 323.6 mAU** | |
| **Valor de absorbância para 80% de D: 431.8 mAU** | |
| **Valor de absorbância para 100% de D: 539.8 mAU** | |

