

ANALIZA BIAŁEK



100005193

Laboratory of Analysis

Client: ep-company
Order number: 100005193
Name: EURO-PHARMACIES T4
Number of samples: 1 tablet

Batch number: EP2500
Recive date: 2024-05-15
Start date: 2024-06-19
End date: 2024-06-26

Sample identification

Substance	Method of taking a sample	Form
Levothyroxine	Sample provided by customer	White tablets in string bag

Results

Substance	Sample name	Content	Purity
Levothyroxine	EURO-PHARMACIES T4 50MCG	46,13mcg/tab	-----

Research comment

The test sample was applied in the amount of 10 µl to the BioBasic 8 Thermo Scientific column. During the analysis with the method a linear gradient in the solutions of H2O and Acetonitrile with the addition of 0.1% trifluoroacetic acid, a peak of the sought substance appeared. Its concentration, when compared to the reference chromatogram, is 46,13mcg/tab. The measurement error is + - 0,5mcg. The actual state of the sample sent before the test is presented on the photo below

Photo of the test sample



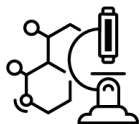
Password

5B2M38KZ

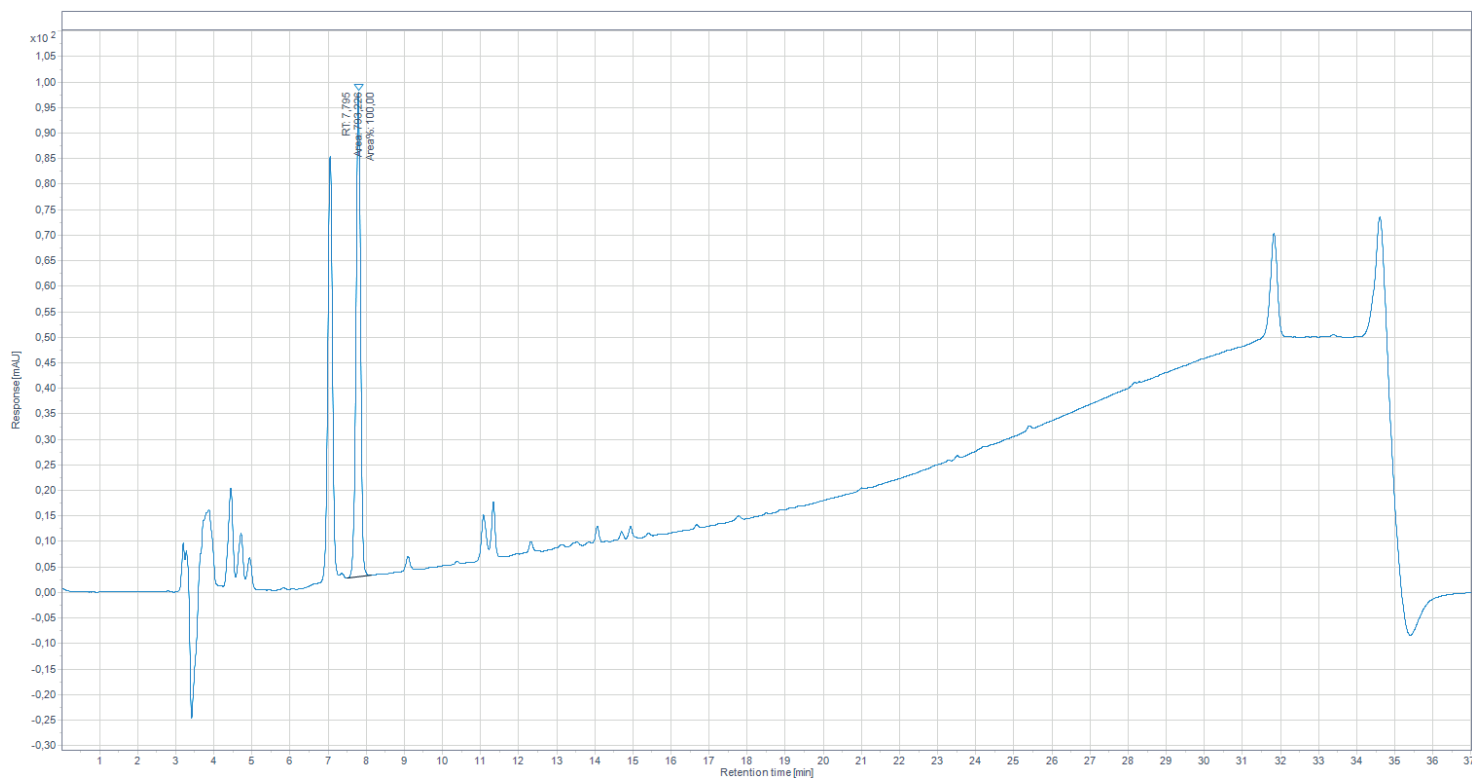
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Lab technician:
Analysis and research specialist
mgr Arkadiusz Zajęc



Chromatogram



Method

Time	H2O + 0,1% TFA	ACN + 0,1% TFA
0min	60%	40%
2min	60%	40%
27min	5%	95%
30min	5%	95%

Password

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