



Certificate of Analysis

GW-501516 (Cardarine)

2-[2-methyl-4-[[4-methyl-2-[4-(trifluoromethyl)phenyl]-1,3-thiazol-5-yl]methylsulfanyl]phenoxy]acetic acid

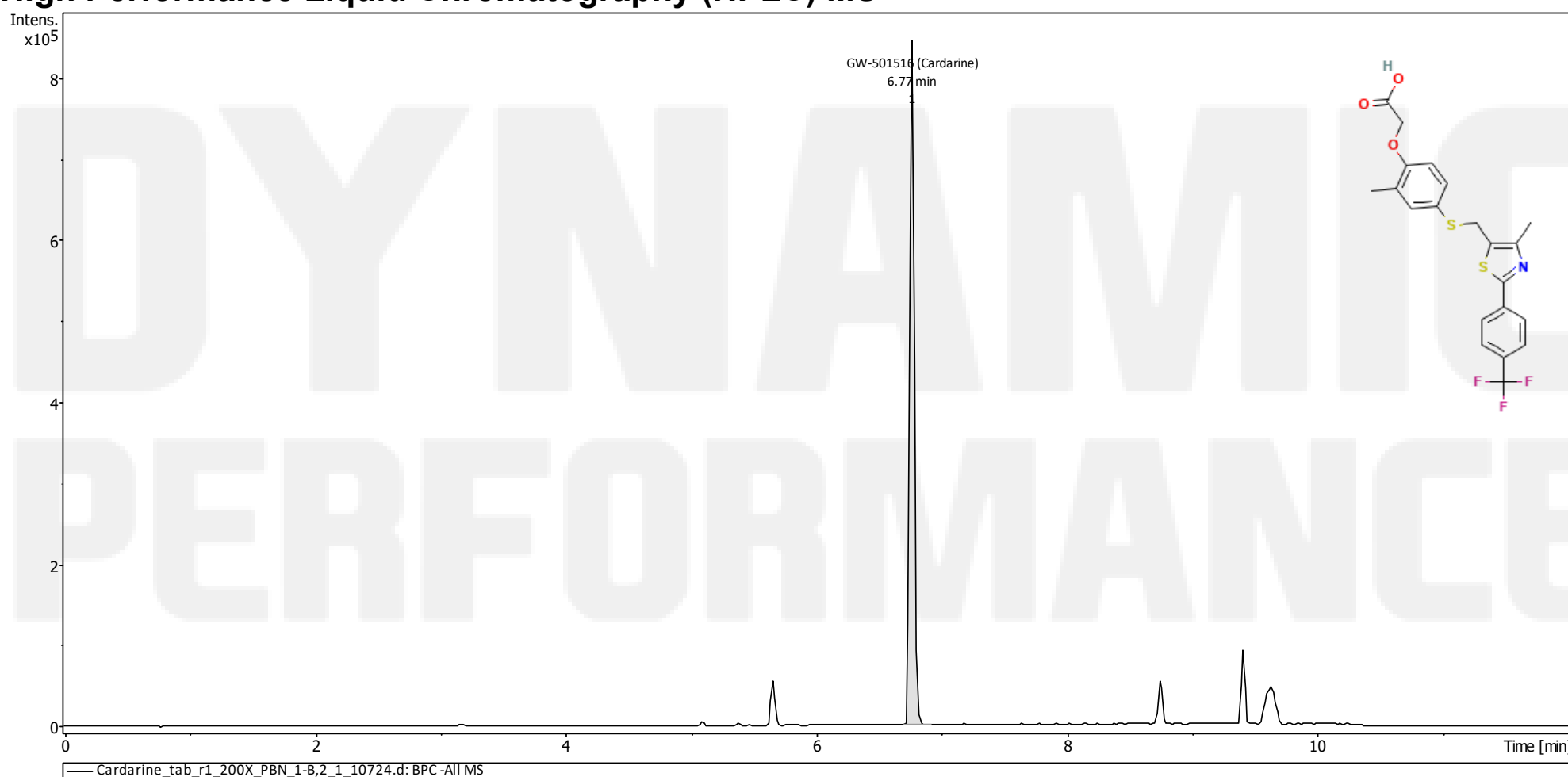
Compound : GW-501516
Lot number : 2025-11-21
Analysis date : 2025-12-10
Quantity : 9.9 mg/tablet
Method : HPLC-UV-MS

Client : Peak Body Nutrition
27 Harvey Close Crowther Industrial Estate
Washington, NE38 0AB
United Kingdom
<https://www.peakbody.co.uk/>

PubChem CID: 9803963

<https://pubchem.ncbi.nlm.nih.gov/compound/9803963>

High Performance Liquid Chromatography (HPLC) MS



GW-501516 detected at 6.77 minutes

Background peaks due to tablet filler

Quantification by HPLC-UV

Replicates	mg/tablet
Cardarine_tab_r1_200X_PBN	7.79
Cardarine_tab_r2_200X_PBN	13.55
Cardarine_tab_r3_200X_PBN	8.30
Average mg/tablet	9.90

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com



2025-12-18

GW-501516 (Cardarine)

PubChem CID: 9803963

<https://pubchem.ncbi.nlm.nih.gov/compound/9803963>

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Expected monoisotopic mass : 453.10 Da

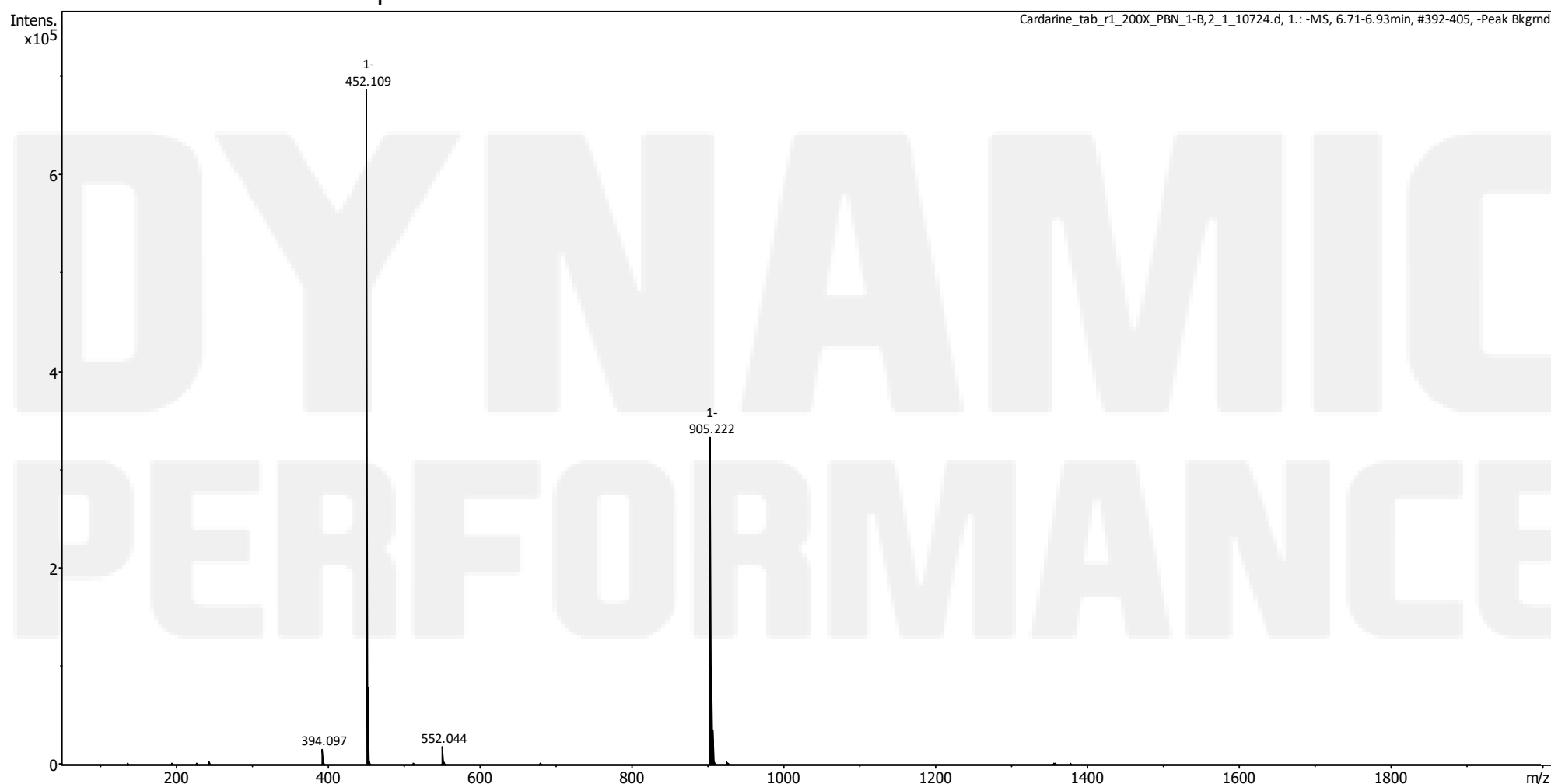
Measured monoisotopic mass : 453.11 Da

Molecular weight confirmed

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum



Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com



2025-12-18