

SIANALYTICALS

148 Bay St,
Staten Island, NY, 10301
(917) 719-3659

8 March 2021

Job Number:	29000d
PO Number:	verbal

Quality Control
advancedresearch.bio
CP 20017 BP COURS SINGER
St Jean-Sur-Richelieu, QC, J3B2M0
Canada

REPORT OF ANALYSIS

One amber jar labeled "GW501516-arc" was received on 8 March 2021. The powder in the jar was analyzed for identification using Fourier-transform infrared spectroscopy (FT-IR). The resulting spectrum matched a reference standard of this material.

The material was also analyzed for purity using high pressure liquid chromatography (HPLC). The detector was set to 316nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
GW501516-arc	99.3

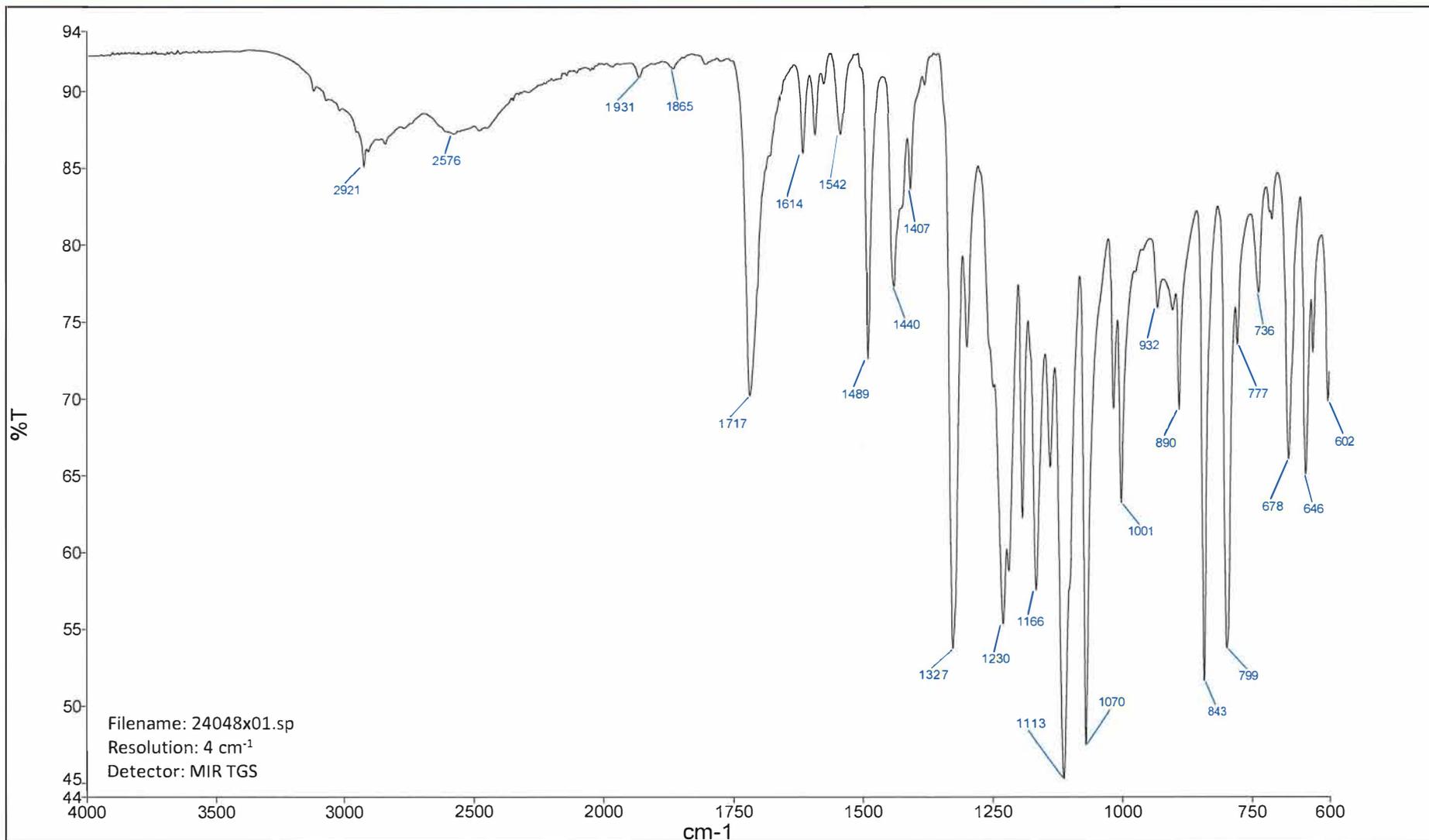
The spectra and chromatogram are enclosed for your reference.

10324

Sample: GW501516 arc.bio
Date: 03/08/2021

Analyst: Josh Rodriguez

Client:
advancedresearch.bio

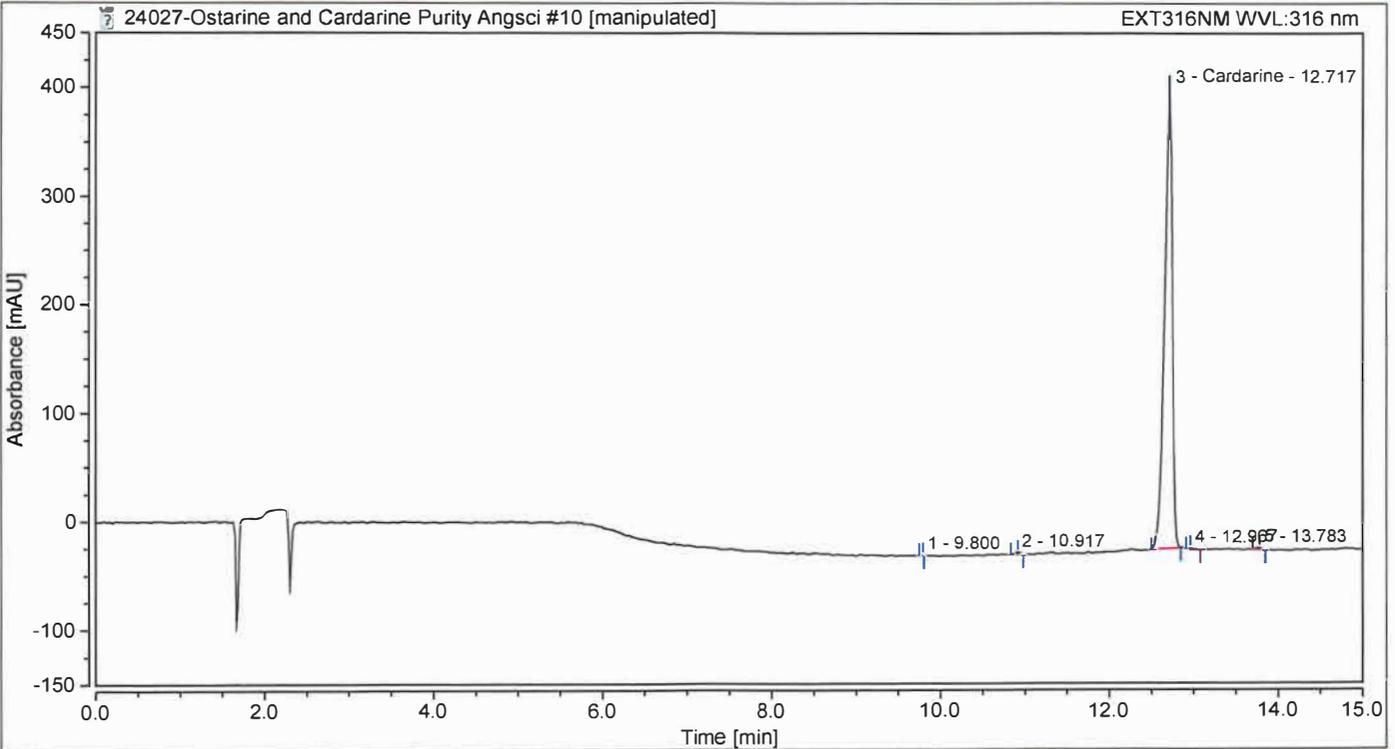


Chromatogram and Results

Injection Details

Injection Name:	GW501516 Mix;	Run Time (min):	20.00
Vial Number:	50ppm 821 Unknown	Injection Volume:	10.00
Injection Type:		Channel:	EXT316NM
Calibration Level:	BD 150mm Max RP	Wavelength:	210.0
Instrument Method:	Processing Method	Bandwidth:	5
Processing Method:	8/March/21 13:45	Dilution Factor:	1.0000
Injection Date/Time:		Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount µg/ml
1		9.800	0.034	0.883	0.07	0.20	n.a.
2		10.917	0.187	2.068	0.41	0.48	n.a.
3	GW501516	12.717	45.585	425.881	99.30	99.30	n.a.
4		12.967	0.118	1.379	0.26	0.32	n.a.
5		13.783	0.171	2.238	0.37	0.52	n.a.
Total:			46.095	432.449	100.00	100.00	