

# S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

16 August 2020

Job Number:	23738d
PO Number:	verbal

Quality Control  
advancedresearch.bio  
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## REPORT OF ANALYSIS

One amber jar labeled "GW501516-arc" was received on 16 August 2020. 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	98.3

The spectra and chromatogram are enclosed for your reference.

Neil E. Spingarn, Ph.D.  
President

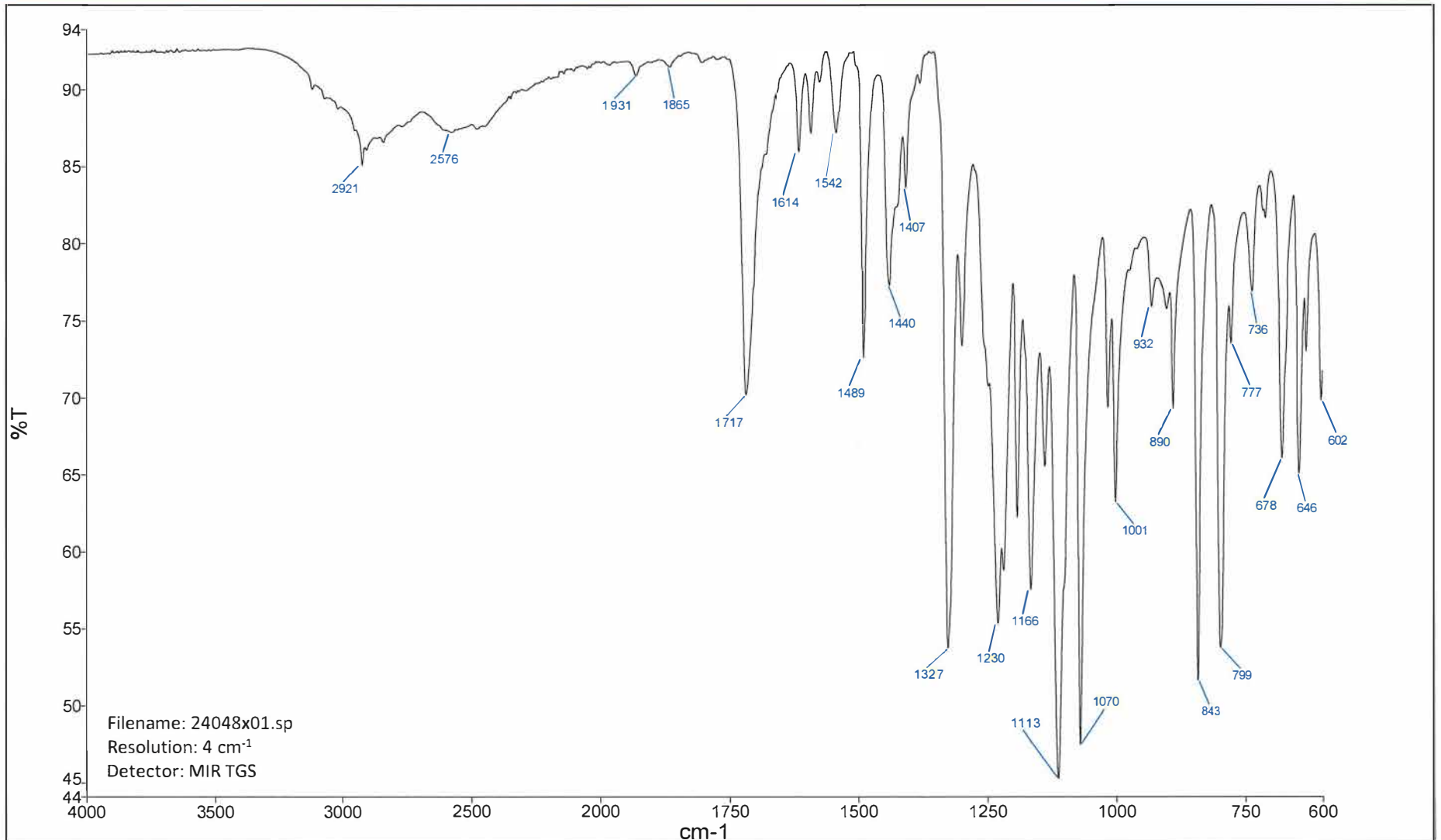
3694

**S&N Labs**

2021 E. Fourth Street, Suite 112  
Santa Ana, CA 92705  
Tel: 714-543-2211

**Sample:** GW501516 arc.bio  
**Date:** 08/16/2020  
**Analyst:** Marcus Lamont

**Client:**  
advancedresearch.bio

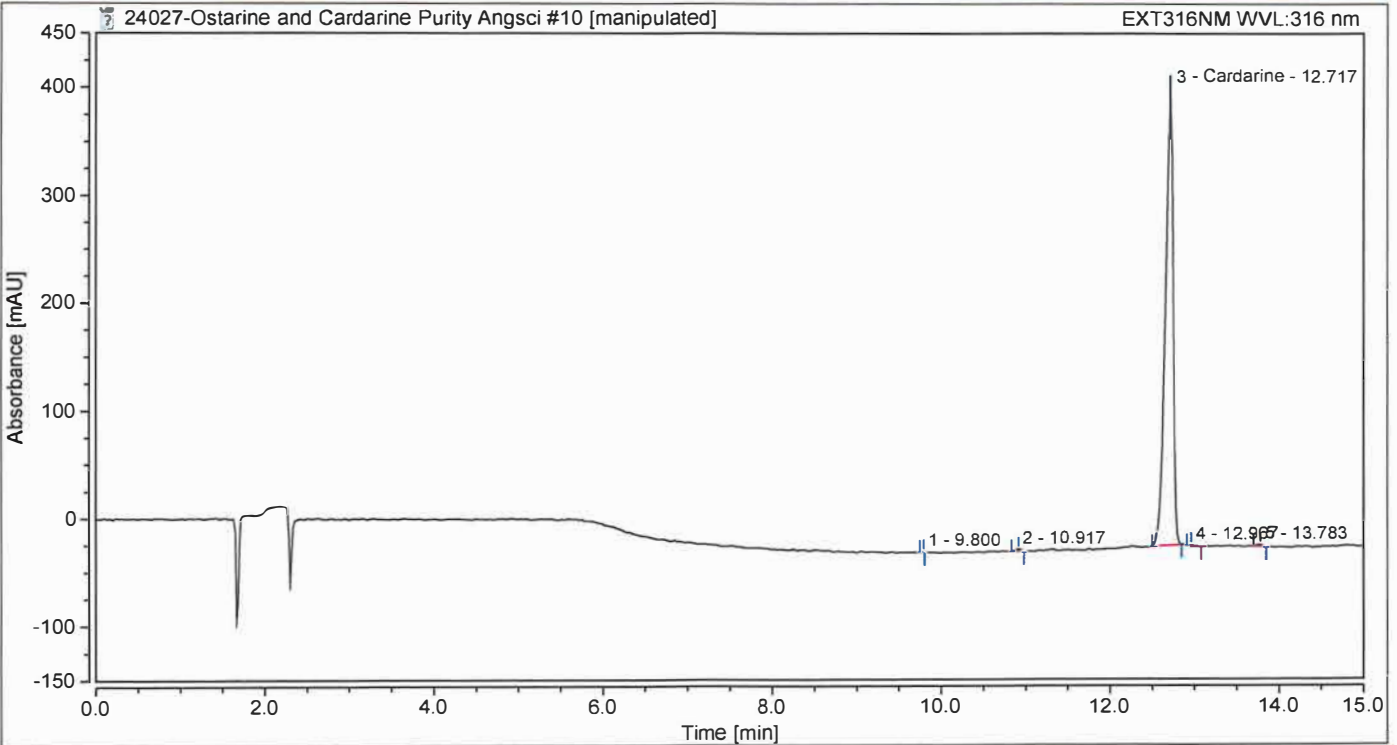


## Chromatogram and Results

### Injection Details

Injection Name:	GW501516 Mix;	Run Time (min):	20.00
Vial Number:	50ppm B21	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	EXT316NM
Calibration Level:		Wavelength:	210.0
Instrument Method:	BD 150mm Max RP	Bandwidth:	5
Processing Method:	Processing Method	Dilution Factor:	1.0000
Injection Date/Time:	16/Aug/20 11:33	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	98.30	98.30	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.
<b>Total:</b>			<b>46.095</b>	<b>432.449</b>	<b>100.00</b>	<b>100.00</b>	