



S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

15 April 2019

Job Number:	23071
PO Number:	verbal

Chemyo LLC
226 West Bourne Way
Millsboro, Delaware 19966

REPORT OF ANALYSIS

One packet labeled "Chemyo GW-501516" was received on 5 April 2019. The powder in the packet was analyzed for identity using Fourier-transform infrared spectroscopy (FT-IR). The resulting spectrum was very similar to a reference spectrum of authentic GW-501516. The differences could be due to variations in crystal structures (polymorphs).

The material was then analyzed for purity using high pressure liquid chromatography (HPLC). The results are summarized in the table below.

Wavelength (nm)	Chromatographic Purity (% area)
214	99.01
254	99.01
317	98.99

The spectrum and chromatogram are enclosed for your reference.

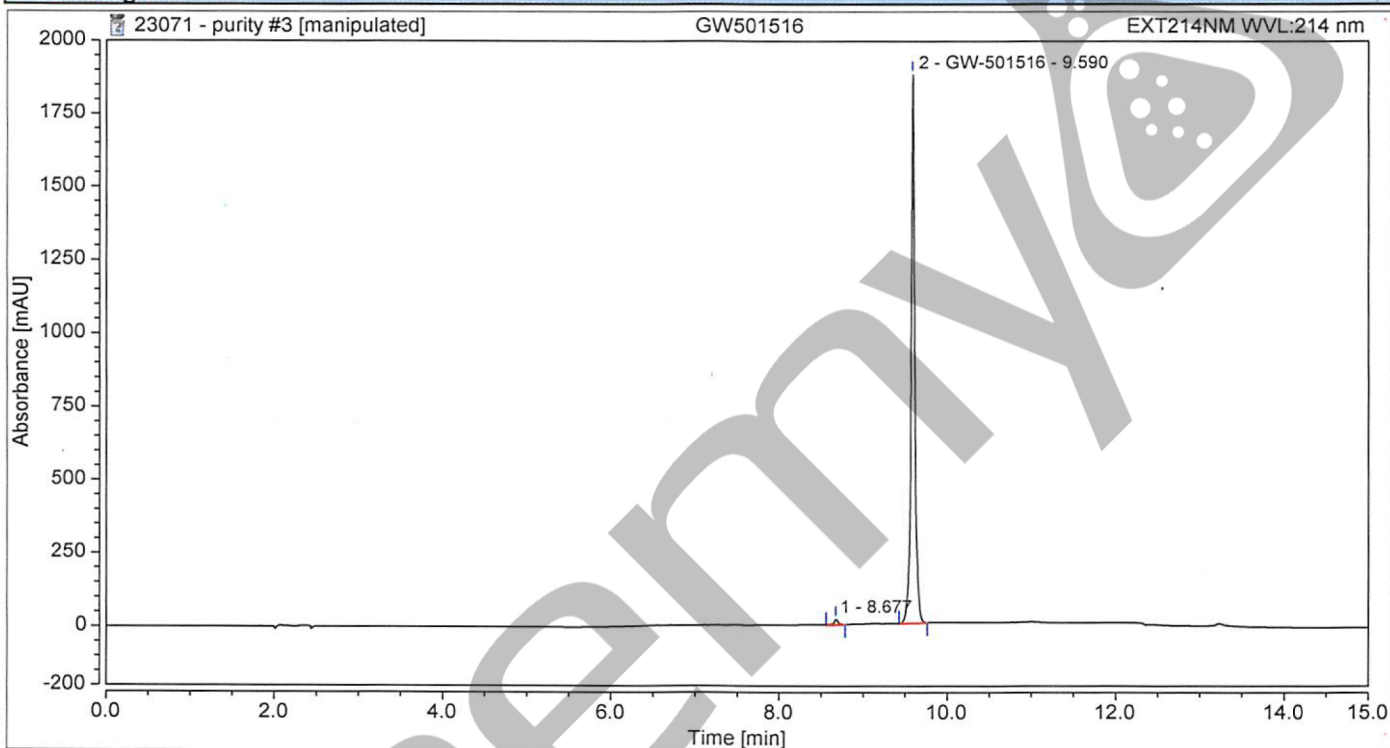
Neil E. Spingarn, Ph.D.
President

Chromatogram and Results

Injection Details

Injection Name:	GW501516	Run Time (min):	15.00
Vial Number:	GA2	Injection Volume:	5.00
Injection Type:	Unknown	Channel:	EXT214NM
Calibration Level:		Wavelength:	210.0
Instrument Method:	23071 - purity samples	Bandwidth:	10
Processing Method:	23071 - purity samples	Dilution Factor:	1.0000
Injection Date/Time:	11/Apr/19 16:12	Sample Weight:	1.0000

Chromatogram

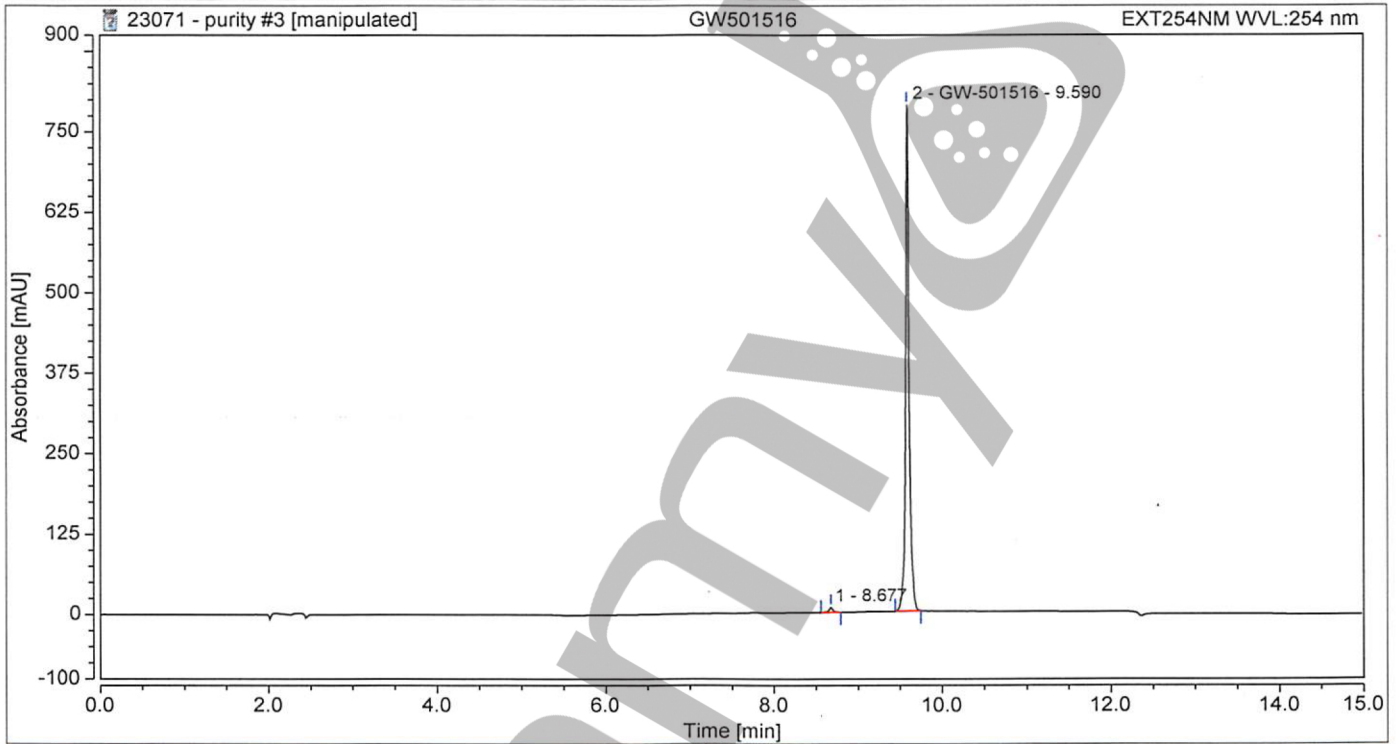


Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount µg/ml
1		8.677	0.952	19.580	0.99	1.03	n.a.
2	GW-501516	9.590	95.495	1872.687	99.01	98.97	n.a.
Total:			96.447	1892.268	100.00	100.00	

Chromatogram and Results**Injection Details**

Injection Name:	GW501516	Run Time (min):	15.00
Vial Number:	GA2	Injection Volume:	5.00
Injection Type:	Unknown	Channel:	EXT254NM
Calibration Level:		Wavelength:	210.0
Instrument Method:	23071 - purity samples	Bandwidth:	10
Processing Method:	23071 - purity samples	Dilution Factor:	1.0000
Injection Date/Time:	11/Apr/19 16:12	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		8.677	0.390	7.998	0.99	1.01	n.a.
2	GW-501516	9.590	39.191	786.719	99.01	98.99	n.a.
Total:			39.582	794.717	100.00	100.00	