

# S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

12 June 2020

Job Number:	24072b
PO Number:	verbal

Anagen Bio Solutions, Inc.  
1712 Pioneer Avenue, Suite 135  
Cheyenne, Wyoming 82001

## REPORT OF ANALYSIS

One small bag labeled "PQQ Disodium lot PQ1001" was received on 4 June 2020. The powder in the bag 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 360nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
PQQ Disodium lot PQ1001	99.1

The spectrum and chromatogram are enclosed for your reference.

Neil E. Spingarn, Ph.D.  
President

# 24072

## S&N Labs

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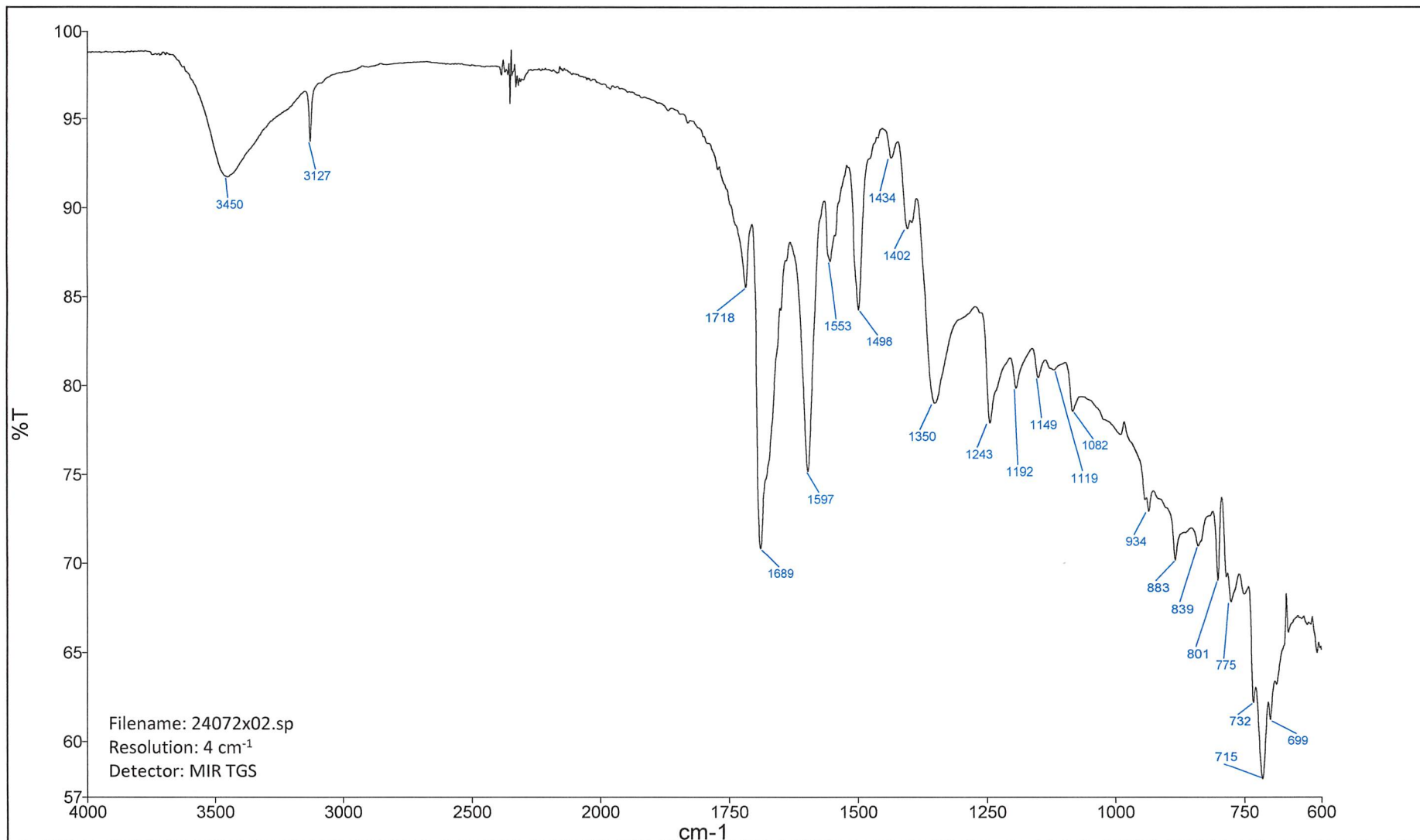
**Sample:** PQQ Disodium Lot PQ1001

**Date:** 06/04/2020

**Analyst:** Chris French

**Client:**

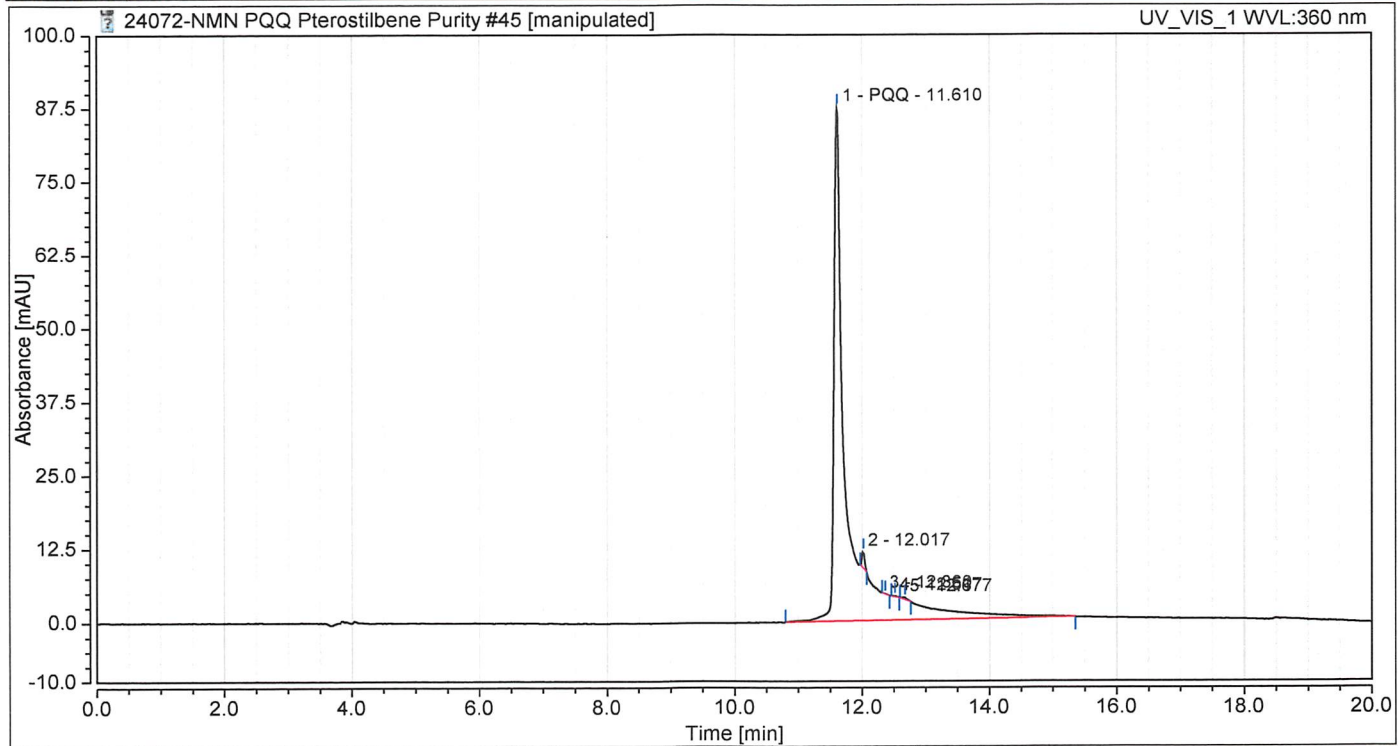
Anagen Bio Solutions, Inc.



## Chromatogram and Results

Injection Details			
Injection Name:	PQQ 6/12 AF	Run Time (min):	20.00
Vial Number:	GD2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	360.0
Instrument Method:	pH6 95 HILIC Method	Bandwidth:	4
Processing Method:	Processing Method	Dilution Factor:	1.0000
Injection Date/Time:	12/Jun/20 15:56	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	PQQ	11.610	20.519	87.523	99.10	96.23	n.a.
2		12.017	0.146	2.873	0.70	3.16	n.a.
3		12.360	0.003	0.063	0.01	0.07	n.a.
4		12.517	0.008	0.133	0.04	0.15	n.a.
5		12.677	0.030	0.357	0.14	0.39	n.a.
<b>Total:</b>			<b>20.706</b>	<b>90.948</b>	<b>100.00</b>	<b>100.00</b>	