



S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

14 April 2017

Job Number:	21563c
PO Number:	Verbal

Chemyo LLC
226 West Bourne Way
Millsboro, Delaware 19966

REPORT OF ANALYSIS

One sample of powder labeled "Tempol" was received on 20 March 2017. The sample was analyzed using Fourier transform infrared spectroscopy (FTIR) and using high-performance liquid chromatography (HPLC) with ultraviolet (UV) detection at 210 nm. The findings are provided in the table below.

Sample	Primary Composition	Percent Purity by LC
Tempol	4-Hydroxy-2,2,6,6-tetramethylpiperidine 1-oxyl,	99.8

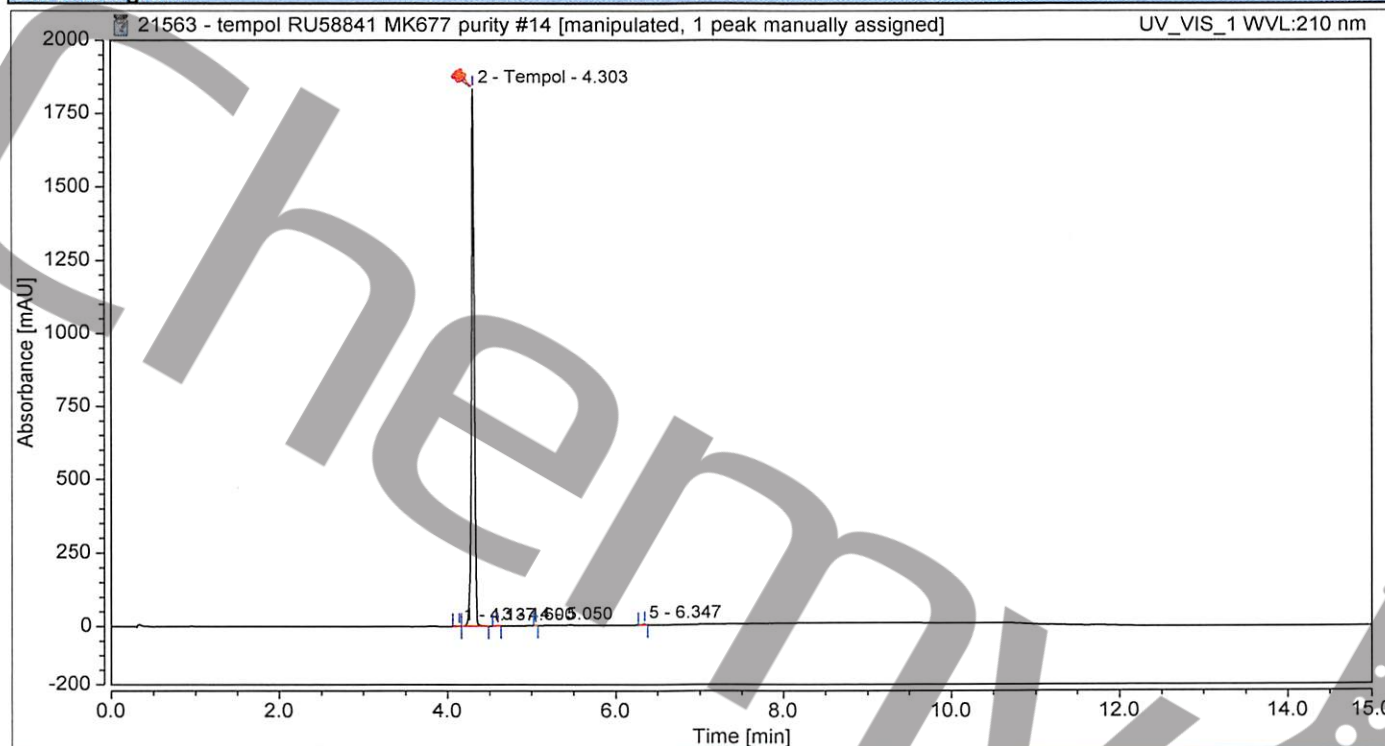
The spectrum is enclosed for your reference.


Chris French, PhD
Sr. Chemist

Chromatogram and Results

Injection Details		
Injection Name:	Tempol purity	Run Time (min): 15.00
Vial Number:	GA2	Injection Volume: 5.00
Injection Type:	Unknown	Channel: UV_VIS_1
Calibration Level:		Wavelength: 210.0
Instrument Method:	21563 - tempol purity	Bandwidth: 10
Processing Method:	21563 - tempol RU58841 MK677 purity	Dilution Factor: 1.0000
Injection Date/Time:	23/Mar/17 13:49	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		4.137	0.004	0.073	0.01	0.00	n.a.
2	Tempol	4.303	71.751	1834.399	99.81	99.80	n.a.
3		4.600	0.009	0.233	0.01	0.01	n.a.
4		5.050	0.004	0.160	0.01	0.01	n.a.
5		6.347	0.117	3.128	0.16	0.17	n.a.
Total:			71.885	1837.992	100.00	100.00	

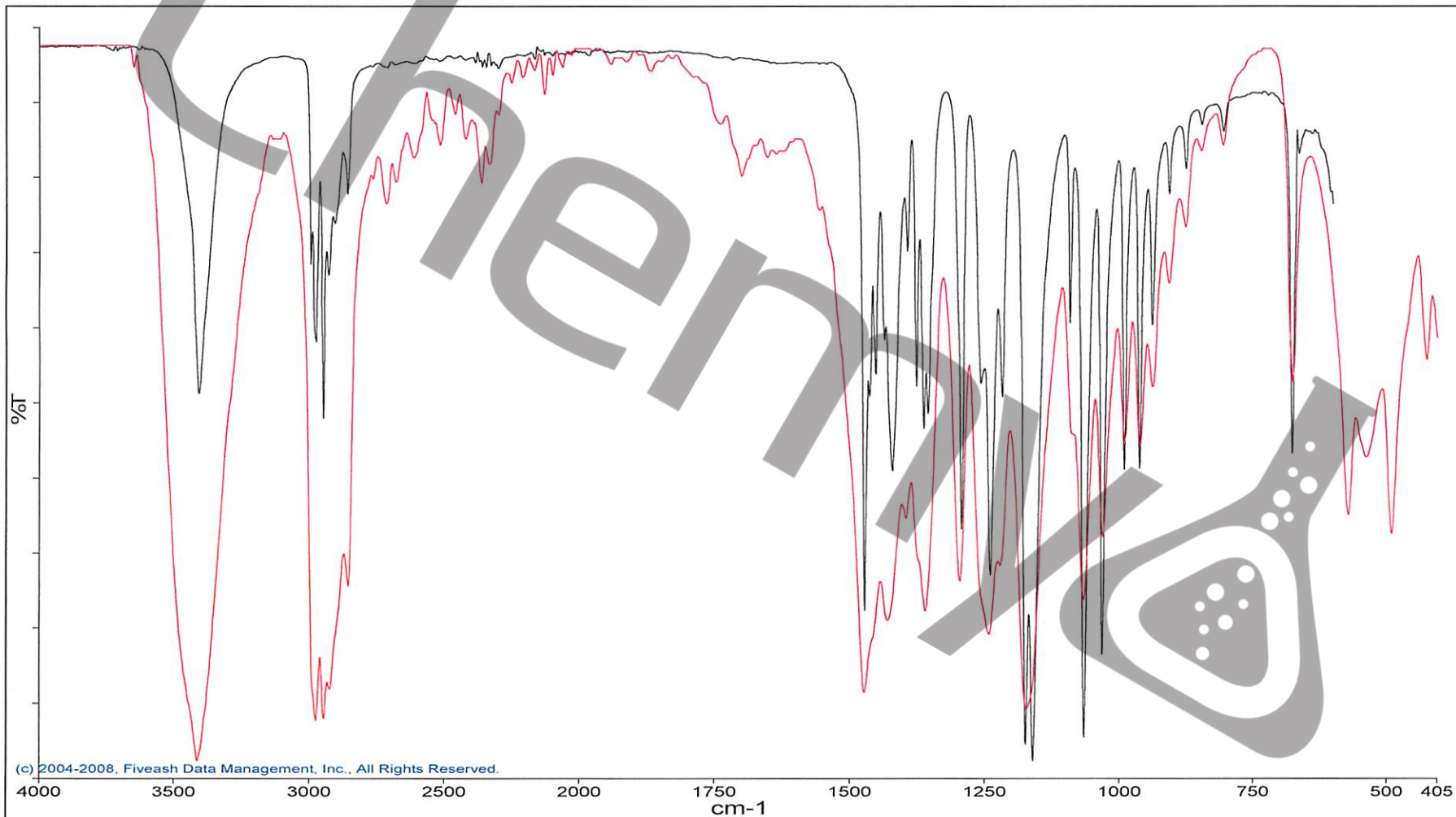
21563

S&N Labs

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

Sample: Tempol
Date: 04/14/2017
Analyst: Chris French

Client:
Chemyo LLC



Name	Description
21563x01	Chemyo - TEMPOL
Z05146	C05146.SP 4-HYDROXY-2,2,6,6-TETRAMETHYL-PIPERIDINOXY, 2226-96-2