



# S & N LABS

2021 E. Fourth Street

Santa Ana, California 92705

(714) 543-2211

14 April 2017

Job Number:	21563a
PO Number:	Verbal

Chemyo LLC  
226 West Bourne Way  
Millsboro, Delaware 19966

## REPORT OF ANALYSIS

One sample of powder labeled "RU58841" was received on 17 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
RU58841	4-(3-(4-hydroxybutyl)-4,4-dimethyl-2,5-dioximidazolidin-1-yl)-2-(trifluoromethyl)benzonitrile	99.2

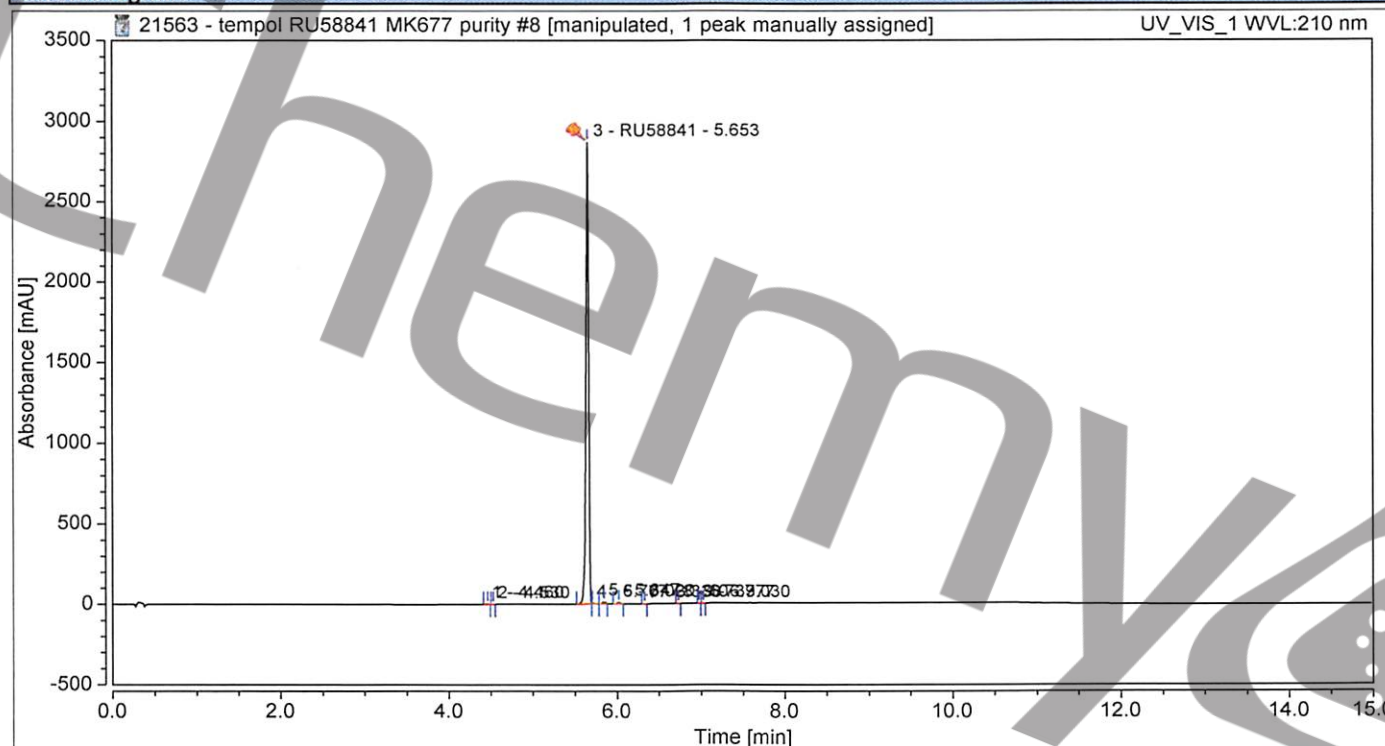
The spectrum is enclosed for your reference.

  
Chris French, PhD  
Sr. Chemist

## Chromatogram and Results

Injection Details		
Injection Name:	RU58841 purity	Run Time (min): 15.00
Vial Number:	GA3	Injection Volume: 5.00
Injection Type:	Unknown	Channel: UV_VIS_1
Calibration Level:		Wavelength: 210.0
Instrument Method:	21563 - tempol RU58841 MK677 purity	Bandwidth: 10
Processing Method:	21563 - tempol RU58841 MK677 purity	Dilution Factor: 1.0000
Injection Date/Time:	23/Mar/17 11:58	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		4.460	0.049	1.548	0.05	0.05	n.a.
2		4.530	0.006	0.210	0.01	0.01	n.a.
3	RU58841	5.653	108.019	2867.697	99.22	99.05	n.a.
4		5.707	0.123	5.162	0.11	0.18	n.a.
5		5.847	0.426	13.338	0.39	0.46	n.a.
6		6.020	0.217	6.087	0.20	0.21	n.a.
7		6.333	0.009	0.271	0.01	0.01	n.a.
8		6.733	0.016	0.546	0.01	0.02	n.a.
9		6.977	0.002	0.091	0.00	0.00	n.a.
10		7.030	0.005	0.210	0.00	0.01	n.a.
Total:			108.872	2895.159	100.00	100.00	

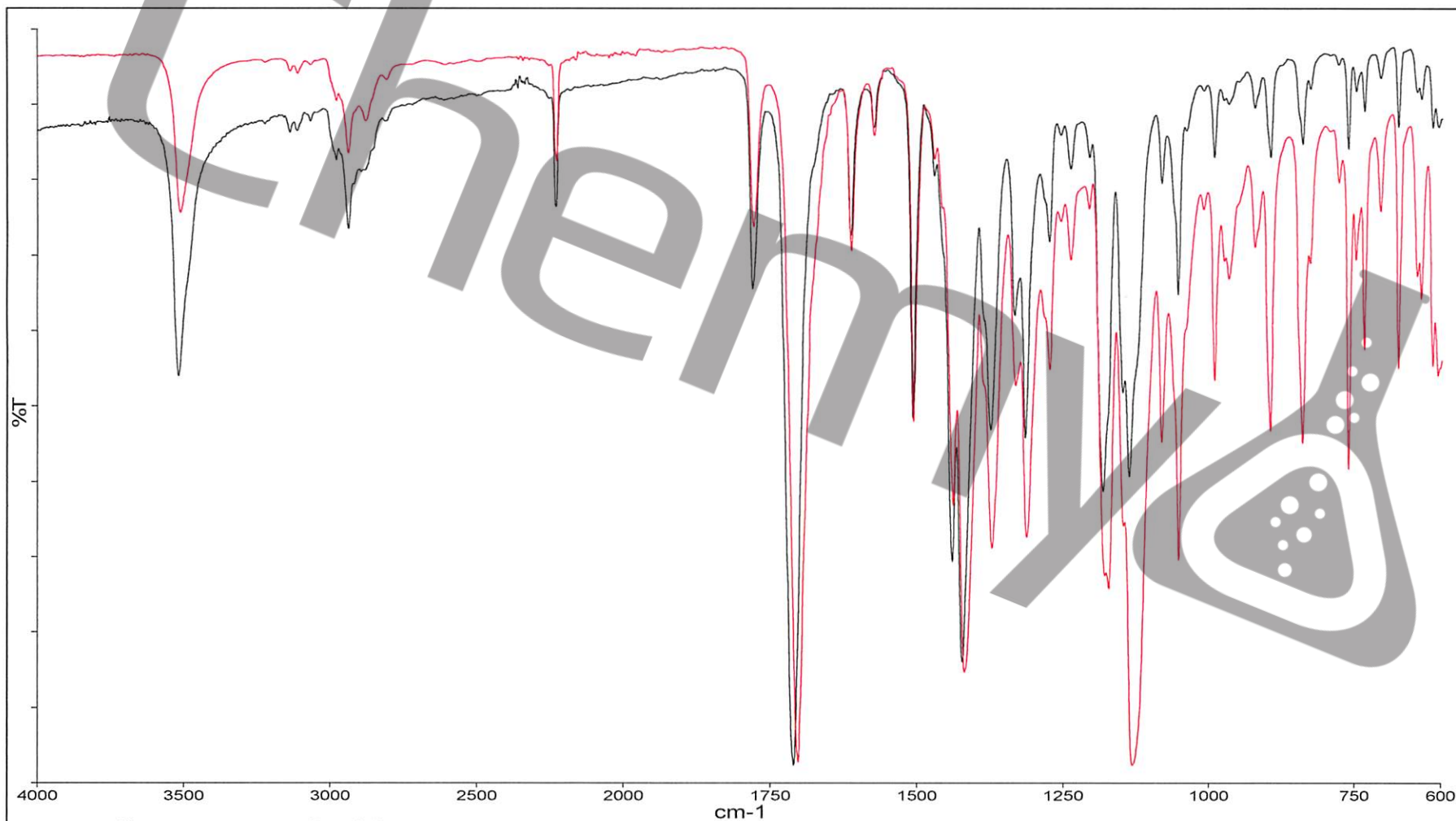
# 21563

## S&N Labs

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

**Sample:** RU58841  
**Date:** 04/14/2017  
**Analyst:** Chris French

**Client:**  
Chemyo LLC



Name	Description
21265x01	Chemyo RU-58841 MFG 09-15-2016
21563x02	RU58841