

SoloVPE – C Technologies

INTRODUCTION

The Lumetics LINK™ software platform scans network locations for new measurement data files, copies data directly to a centralized database, and provides a powerful user interface for rapid multi-measurement multi-technique data aggregation, visualization, analysis, and reporting. LINK employs a client/server-based architecture where the LINK server hardware is provided by the end user and resides on the end user's network. The LINK client is a portable web-based application that may be placed on any computer with network connectivity to the LINK server. For successful import, the LINK webserver requires read access to the folders where user data resides.

SoloVPE System unlocked the power of Slope Spectroscopy with its unique patented variable pathlength technology. The SoloVPE Solution expanded the mature UV-Vis technique from a 2-dimensional to a 3-dimensional science.

DETAILS

LINK requires the RTF data file to import SoloVPE results. Required data files may need to be exported from the SoloVPE software.

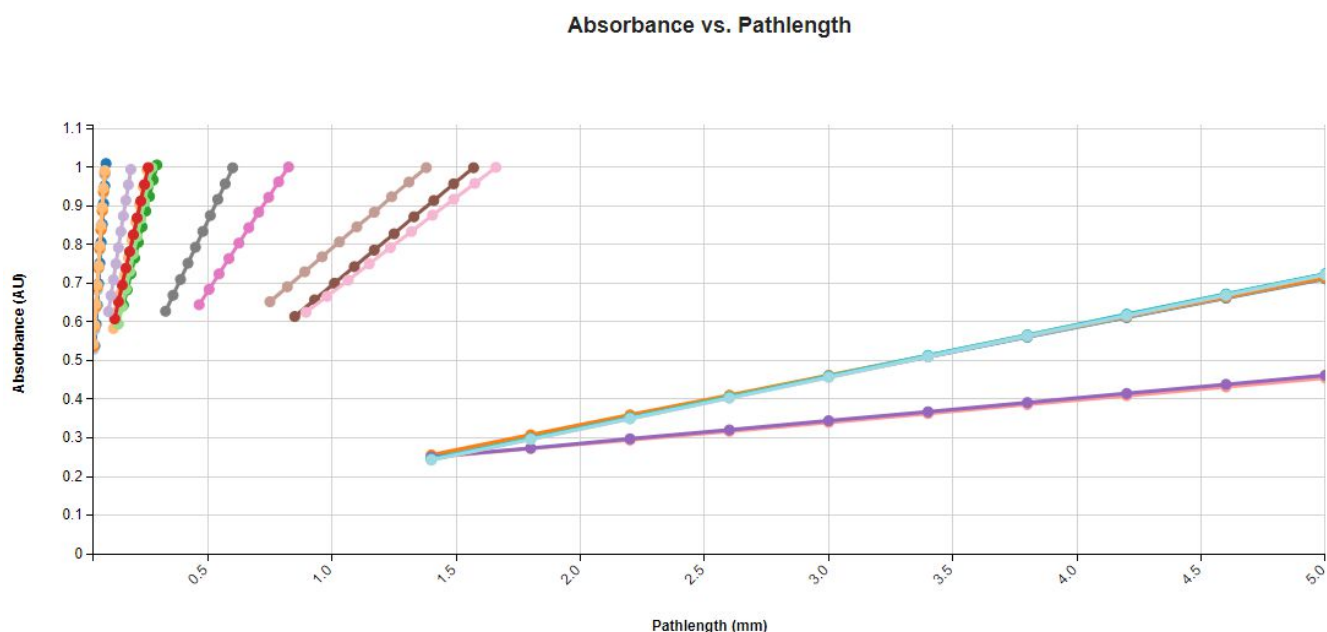
The following raw curve data may be imported, in addition to all available instrument/analysis settings and parameters calculated by the instrument software:

- Baseline Absorbance vs. Pathlength
- Scattered Channel Absorbance vs. Pathlength

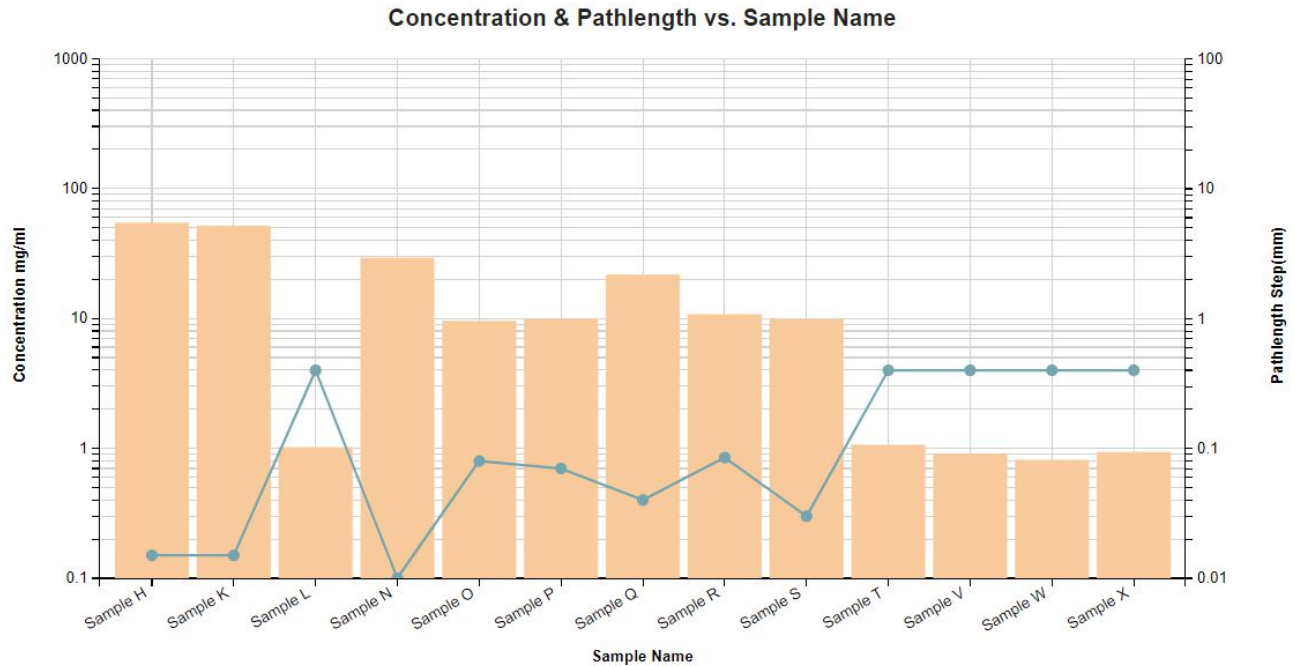
EXAMPLES

Included below are example dashboards from SoloVPE measurement files:

1. Line Chart plotting raw data curves for Absorbance vs. Pathlength



2. Column Chart exemplifying Particle concentration and pathlength vs. sample name



3. Tabular Summary examples

Measurement Summary Table – Measurement Results

Sample Name	Analysis Date	Conc. (mg/ml) - AVG	Delta Mean (mg/ml) - AVG	Delta% - AVG	Slope(Abs/mm) - AVG	R-Sqr - AVG	Th PL (mm) - AVG
Sample A	2019-10-28 07:55:41	90.37	2.36	2.68	10.39	1.00	0.09
Sample AB	2019-10-03 12:08:41	2.22	0.00	0.19	0.13	1.00	7.16
Sample AC	2019-10-03 12:12:24	2.22	0.00	-0.15	0.13	1.00	7.13
Sample AD	2019-10-03 12:13:45	2.22	0.00	0.15	0.13	1.00	7.10
Sample AE	2019-10-03 12:17:02	2.22	0.00	0.03	0.13	1.00	7.12
Sample AF	2019-10-03 12:19:00	2.22	0.00	-0.03	0.13	1.00	7.15
Sample B	2019-10-28 07:56:46	87.59	-0.42	-0.47	10.07	1.00	0.09
Sample C	2019-10-28 07:57:14	86.80	-1.20	-1.37	9.98	1.00	0.09
Sample D	2019-10-28 07:57:43	87.26	-0.75	-0.85	10.03	1.00	0.09

Measurement Summary Table – Instrument Settings

Sample Name	SoloVPE SN	Version	GxP Enabled	User ID	Quick Method ID	Method Function	Slope(Abs/m m) - AVG	Slope Mode	Vessel ID	Optimization Method	Rep Mode	Wavelength (nm) - AVG	Abs Threshold - AVG	# Data Points - AVG	Rep Count - AVG	Background Correct	Scatter WL 1 (nm) - AVG	Scatter WL 2 (nm) - AVG
Sample A	CTS1701190	3.1.289.0	False	Non-GxP Sy...	None	Quick Slope	10.39	Quick	PV-OC0009...	Standard	Repeat	279	1	10	4	Off	320	
Sample AB	CTS1801187	3.1.289.0	True	Yarger, Tyler	None	Quick Slope	0.13	Quick	PV-OC0009...	Standard	Recollect	280	1	10	2	Off	320	350
Sample AC	CTS1801187	3.1.289.0	True	Yarger, Tyler	None	Quick Slope	0.13	Quick	SV1-Small	Standard	Repeat	280	1	10	2	Off	320	350
Sample AD	CTS1801187	3.1.289.0	True	Yarger, Tyler	None	Quick Slope	0.13	Quick	SV1-Small	Standard	Repeat	280	1	10	2	Off	320	350
Sample AE	CTS1801187	3.1.289.0	True	Yarger, Tyler	None	Quick Slope	0.13	Quick	SV1-Small	Standard	Replicate	280	1	10	2	Off	320	350
Sample AF	CTS1801187	3.1.289.0	True	Yarger, Tyler	None	Quick Slope	0.13	Quick	SV1-Small	Standard	Replicate	280	1	10	2	Off	320	350
Sample B	CTS1701190	3.1.289.0	False	Non-GxP Sy...	None	Quick Slope	10.07	Quick	PV-OC0009...	Standard	Repeat	279	1	10	4	Off	320	
Sample C	CTS1701190	3.1.289.0	False	Non-GxP Sy...	None	Quick Slope	9.98	Quick	PV-OC0009...	Standard	Repeat	279	1	10	4	Off	320	
Sample D	CTS1701190	3.1.289.0	False	Non-GxP Sy...	None	Quick Slope	10.03	Quick	PV-OC0009...	Standard	Repeat	279	1	10	4	Off	320	

DASHBOARD DOWNLOADS

Included below are the links to downloadable dashboards for SoloVPE measurement files:

<http://lumetics.com/dashboards/SoloVPE/SoloVPE.zip>

CONTACT LUMETICS

For direct assistance, please contact Lumetics LINK™ Support:

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