

Antaris II FT-NIR – Thermo Fisher Scientific

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.

The Antaris FT-NIR Analyzer provides robust and reliable data collection for at-line, online and in-line analysis.

DETAILS

LINK requires the XLSX. Data files must be exported from the instrument software. LINK does not currently import raw curve data. All available instrument/analysis setting information and raw data calculations will be imported to LINK.

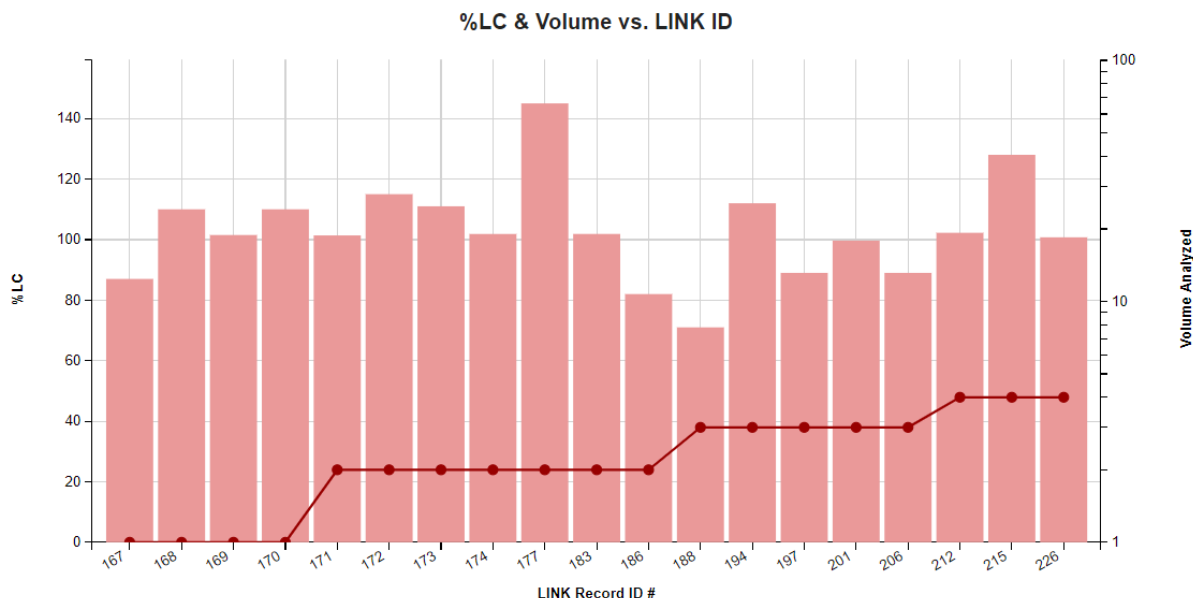
The Antaris XLSX file example is as follows:

	A	B	C	D	E	F	G
1	Wed Sep 28 13:21:00 2022 (GMT-04:00)						
2	Method filename: C:\Documents and Settings\corredoc\My Documents.qnt						
3	Method Revision 10 Last Saved Date: Sat Jun 09 11:03:05 2022 (GMT-04:00)						
4	Method title: Lumetics1						
5							
6	Spectrum title	Spectrum file name	Daclatasvir %w/w	Tablet thickness (mm)	Tablet weight (mg)	Daclatasvir mg/tab	%LC
7			20.237	4.47	297.70	60.25	100.41
8	Transmission Sample A Segment 1 tab 1	Segment 1 tab 1.spa					

EXAMPLES

Included below is a sample dashboard from Antaris measurement files:

1. Column Chart plotting measurement results for %LC & Volume vs. LINK ID



2. Tabular Summary examples:

Measurement Summary Table – Measurement Results

Segment	Spectrum Title	Sample Name	Daclatasvir (%w/w) - AVG	Daclatasvir (mg/tab) - RSD	Volume Analyzed (ml) - AVG	Daclatasvir (mg/tab) - AVG	Tablet Thickness (mm) - AVG	Tablet Weight (mg) - AVG	%LC - AVG
1	Multiple (8 Values)	2A75483	20.24	0.01	1.50	61.27	4.49	302.79	104.72
2	Multiple (3 Values)	2A75483	20.18	0.01	2.00	60.67	4.48	300.72	109.62
3	Multiple (2 Values)	2A75483	20.34	0.01	3.00	61.13	4.47	300.48	91.50
4	Multiple (2 Values)	2A75483	20.27	0.01	3.00	60.11	4.43	296.51	94.33
5	Multiple (3 Values)	2A75483	20.25	0.02	3.67	61.77	4.48	304.98	106.41
7	Transmission 2A75483 Segment 7 tab 1	2A75483	20.36		4.00	60.45	4.45	296.86	100.75

Measurement Summary Table – Instrument Settings

LINK Record ID #	InstrumentName	Sub-Population	Analysis Date	Sample Name	Tab - AVG	Spectrum Title	Method Revision - AVG	Measurement Type
167	Antaris	Total Population	2012-09-14 13:21:00	2A75483	1	Transmission 2A754...	10	Transmission
168	Antaris	Total Population	2012-09-14 13:21:00	2A75483	2	Transmission 2A754...	10	Transmission
169	Antaris	Total Population	2012-09-14 13:21:00	2A75483	3	Transmission 2A754...	10	Transmission
170	Antaris	Total Population	2012-09-14 13:21:00	2A75483	4	Transmission 2A754...	10	Transmission
171	Antaris	Total Population	2012-09-14 13:21:00	2A75483	5	Transmission 2A754...	10	Transmission
172	Antaris	Total Population	2012-09-14 13:21:00	2A75483	6	Transmission 2A754...	10	Transmission
173	Antaris	Total Population	2012-09-14 13:21:00	2A75483	7	Transmission 2A754...	10	Transmission
174	Antaris	Total Population	2012-09-14 13:21:00	2A75483	8	Transmission 2A754...	10	Transmission
177	Antaris	Total Population	2012-09-14 13:21:00	2A75483	1	Transmission 2A754...	10	Transmission
183	Antaris	Total Population	2012-09-14 13:21:00	2A75483	7	Transmission 2A754...	10	Transmission
186	Antaris	Total Population	2012-09-14 13:21:00	2A75483	10	Transmission 2A754...	10	Transmission
188	Antaris	Total Population	2012-09-14 13:21:00	2A75483	2	Transmission 2A754...	10	Transmission
194	Antaris	Total Population	2012-09-14 13:21:00	2A75483	8	Transmission 2A754...	10	Transmission
197	Antaris	Total Population	2012-09-14 13:21:00	2A75483	1	Transmission 2A754...	10	Transmission
201	Antaris	Total Population	2012-09-14 13:21:00	2A75483	5	Transmission 2A754...	10	Transmission
206	Antaris	Total Population	2012-09-14 13:21:00	2A75483	1	Transmission 2A754...	10	Transmission
212	Antaris	Total Population	2012-09-14 13:21:00	2A75483	7	Transmission 2A754...	10	Transmission
215	Antaris	Total Population	2012-09-14 13:21:00	2A75483	10	Transmission 2A754...	10	Transmission
226	Antaris	Total Population	2012-09-14 13:21:00	2A75483	1	Transmission 2A754...	10	Transmission

ANTARIS DASHBOARDS

LINK contains an extensive built-in dashboard library from LINK version 2.4.0.210401 and later. This function contains specific pre-created dashboards for all instruments and application groups.

CONTACT LUMETICS

For direct assistance, please contact Lumetics LINK™ Support:

E-mail: support@lumetics.com

Phone: 1.613.417.1839

Website: <http://lumetics.com/>

