

## NEPHELOstar – BMG

### 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 NEPHELOstar is a microplate nephelometer with a high-intensity laser diode for light-scattering and turbidity measurements.

### DETAILS

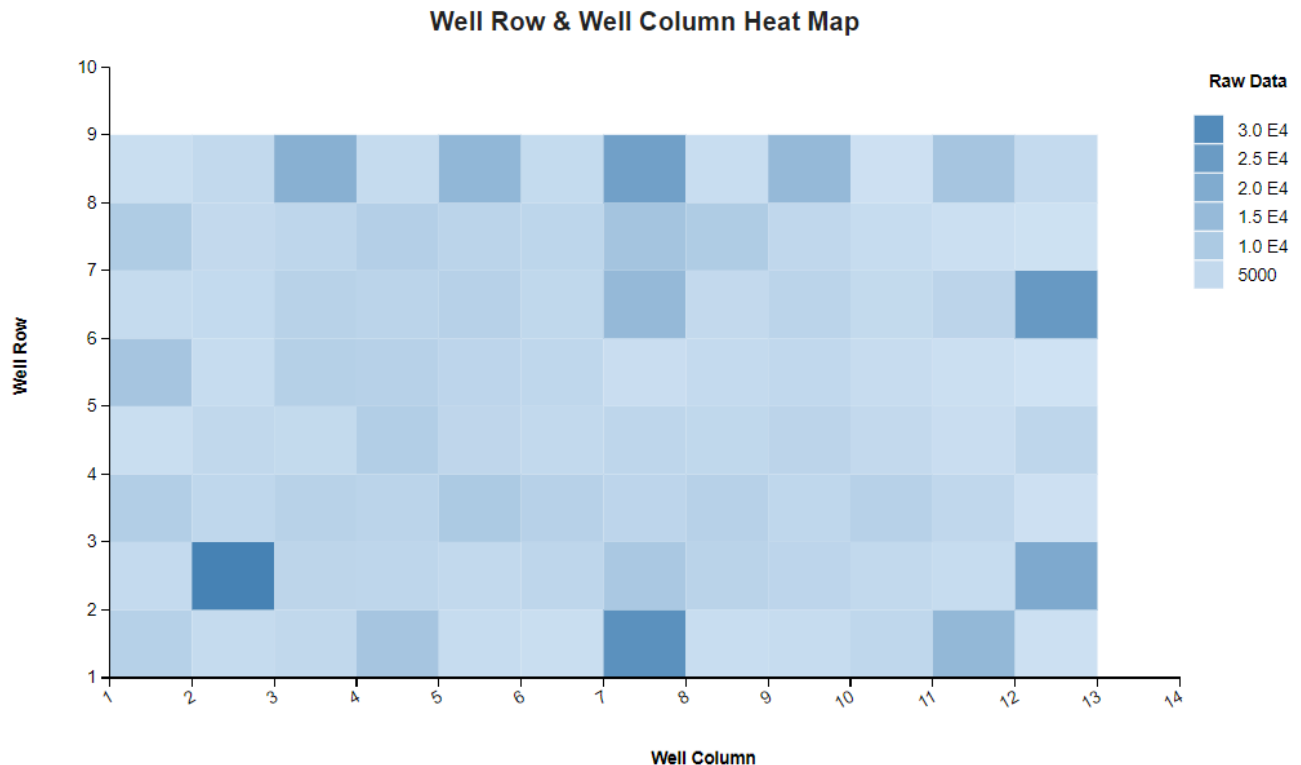
LINK requires CSV Export for importing NEPHELOstar data.

LINK does not currently import raw curve data. All available instrument/analysis setting information and NEPHELOstar raw data calculations will be imported to LINK.

### EXAMPLES

Included below is a dashboard from NEPHELOstar measurement files:

1. 2D Histogram heat map of well row and well column



## 2. Tabular Summary example – Measurement Summary Table

| LINK Record ID # | Sample Name | Well Row - AVG | Well Column - AVG | Well | Time       | Test Name          | Test ID | Analysis Date     |
|------------------|-------------|----------------|-------------------|------|------------|--------------------|---------|-------------------|
| 1                | Sample X1   | 1              | 1                 | A01  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 2                | Sample X2   | 1              | 2                 | A02  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 3                | Sample X3   | 1              | 3                 | A03  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 4                | Sample X4   | 1              | 4                 | A04  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 5                | Sample X5   | 1              | 5                 | A05  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 6                | Sample X6   | 1              | 6                 | A06  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 7                | Sample X7   | 1              | 7                 | A07  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 8                | Sample X8   | 1              | 8                 | A08  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 9                | Sample X9   | 1              | 9                 | A09  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 10               | Sample X10  | 1              | 10                | A10  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 11               | Sample X11  | 1              | 11                | A11  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 12               | Sample X12  | 1              | 12                | A12  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 13               | Sample X13  | 2              | 1                 | B01  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 14               | Sample X14  | 2              | 2                 | B02  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 15               | Sample X15  | 2              | 3                 | B03  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 16               | Sample X16  | 2              | 4                 | B04  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 17               | Sample X17  | 2              | 5                 | B05  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 18               | Sample X18  | 2              | 6                 | B06  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 19               | Sample X19  | 2              | 7                 | B07  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 20               | Sample X20  | 2              | 8                 | B08  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 21               | Sample X21  | 2              | 9                 | B09  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 22               | Sample X22  | 2              | 10                | B10  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 23               | Sample X23  | 2              | 11                | B11  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 24               | Sample X24  | 2              | 12                | B12  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 25               | Sample X25  | 3              | 1                 | C01  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 26               | Sample X26  | 3              | 2                 | C02  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 27               | Sample X27  | 3              | 3                 | C03  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 28               | Sample X28  | 3              | 4                 | C04  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 29               | Sample X29  | 3              | 5                 | C05  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |
| 30               | Sample X30  | 3              | 6                 | C06  | 1:29:37 PM | 96 Half Area Re... | 29      | 2019-01-30 13:... |

## NEPHELOSTAR DASHBOARDS

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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

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For direct assistance, please contact Lumetics LINK™ Support:

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