ELN: Well Plate Operations -- Chemistry: Basic Annotation & Formulation Information

One of the well plate annotation operations available in the ELN concerns chemical formulation-oriented plates. Here, you can create a general-purpose chemistry well plate (Fig 1). Two parameters must be defined before clicking 'Annotate Plate' will work: plate name (any label you wish to assign/designate as a name, up to 100 characters in length) and configuration (the number of wells on the well plate).

Fig 1. Starting interface for adding a chemical/formulation well plate.

If you've provided the aforementioned values and are within the character limit for the plate name, then clicking on 'Annotate Plate' should bring you to the next step, where you can enter information about the chemicals in your stock solutions, as shown in Fig 2. Every cell of the table must have a valid value (you may enter 0 for values that are not relevant to you, e.g.: if you're dealing with solids, you won't have a liquid volume to report, so enter 0).

Fig 2. Chemical plate reagent table.

You can add however many rows you need for your stock solutions table. Each chemical added in these rows will then be used to generate the Formulations table shown in Fig 3. This is where you can 1) enter information about what's in each well and 2) provide values for your compositions.

Fig 3. Chemical plate formulations table.

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