

a.

## Provide Factor Details

**Latin Hypercube Designs** are supported for any number of factors or runs. These factors can be continuous discrete, categorical, or blocks. For continuous factors, provide the upper and lower limits as comma separated values, e.g., -1, 1. For discrete, categorical, or blocking factors, provide the allowable values as comma separated values. Note: if blocking factors are included, it is recommended to choose a number of runs that is divisible by the number of blocks.

**All entries in the table below must be completed. Factor Names can only contain letters, numbers, and underscores. Do NOT use spaces or special characters in the factor names.**

Note: Add or remove rows by right clicking on a row.

	Factor Names	Factor Type	Level Values
1	Temperature	Continuous	5, 25
1	Reaction_Duration	Continuous	30, 120
1	Solvent	Categorical	Ethanol, Acetone, Octane, DCM
1	Number_Additions	Discrete	2, 4, 8
1	Concentration_A	Continuous	50, 100

Next

Cancel

b.

## Design Details

**Selected Design:** Latin Hypercube Sampling

Factor Names	Factor Type	Level Values
Temperature	Continuous	5, 25
Reaction_Duration	Continuous	30, 120
Solvent	Categorical	Ethanol, Acetone, Octane, DCM
Number_Additions	Discrete	2, 4, 8
Concentration_A	Continuous	50, 100

**Number of Experimental Runs:**

12

i

Blocking is not available for this design

Randomize Runs:



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Create

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