

1. Make a Design

DoE-It-Yourself

- Make a Design
- Enter/Edit Results
- Analyse the Design
- Model Explorer
- Resources & References

Select a Design:

Please select a suitable design

- Screening Designs
- Plackett-Burman
- Full Factorial
- Fractional Factorial
- Response Surface Designs
- Box-Behnken
- Central Composite

2. Enter/Edit Data

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Save Load

Remove Column Add Column Update Column

	Gold_Salt_Conc	Oleylamine_Ratio	Temperature	NP_Diameter_nm
1	1	-1	1	3.6
2	-1	1	1	4.6
3	1	1	-1	6.3
4	1	0	0	5.4
5	1	1	1	3.8
6	0	-1	0	4.6
7	0	0	0	4.4
8	-1	1	-1	6.7
9	1	-1	-1	4.4
10	0	0	0	4.2
11	0	0	-1	6
12	-1	-1	1	4.4
13	-1	-1	-1	5.9
14	-1	0	0	5.8
15	0	1	0	5

3. Analyze a Design

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Create Model ANOVA Design Diagnostics

Note: Load a design for analysis on the Enter/Edit Results tab.
Choose a default model from the dropdown. Factors to include in the model can be manually adjusted as needed.

Select Default Model (optional):
Main Effects + Interactions Apply

Select Factor(s):
Gold_Salt_Conc
Oleylamine_Ratio
Temperature
Add
Remove
Cross

Factor(s) for Model:
Gold_Salt_Conc
Oleylamine_Ratio
Temperature
Gold_Salt_Conc * Oleylamine_R
Gold_Salt_Conc * Temperature
Oleylamine_Ratio * Temperature

Select Response:
NP_Diameter_nm

Analyse

4. Explore a Design

