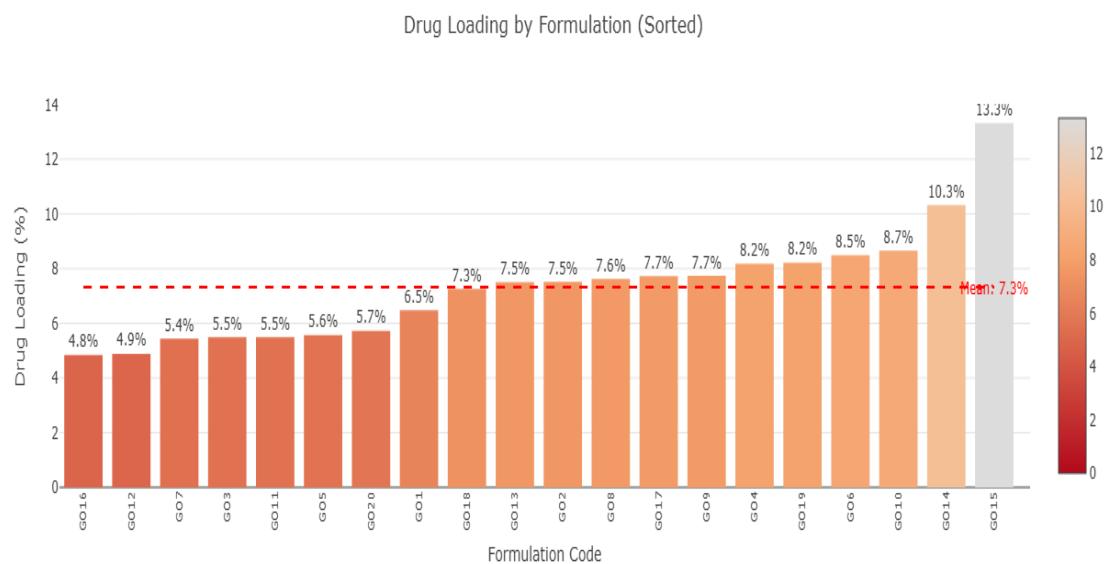


Formulation Codes Used In Report: GO1, GO2, GO3, GO4, GO5, GO6, GO7, GO8, GO9, GO10, GO11, GO12, GO13, GO14, GO15, GO16, GO17, GO18, GO19, GO20

## Drug Loading Data

Overview of drug loading across all selected formulations



Mean: 7.32%

Median: 7.52%

Min: 4.85%

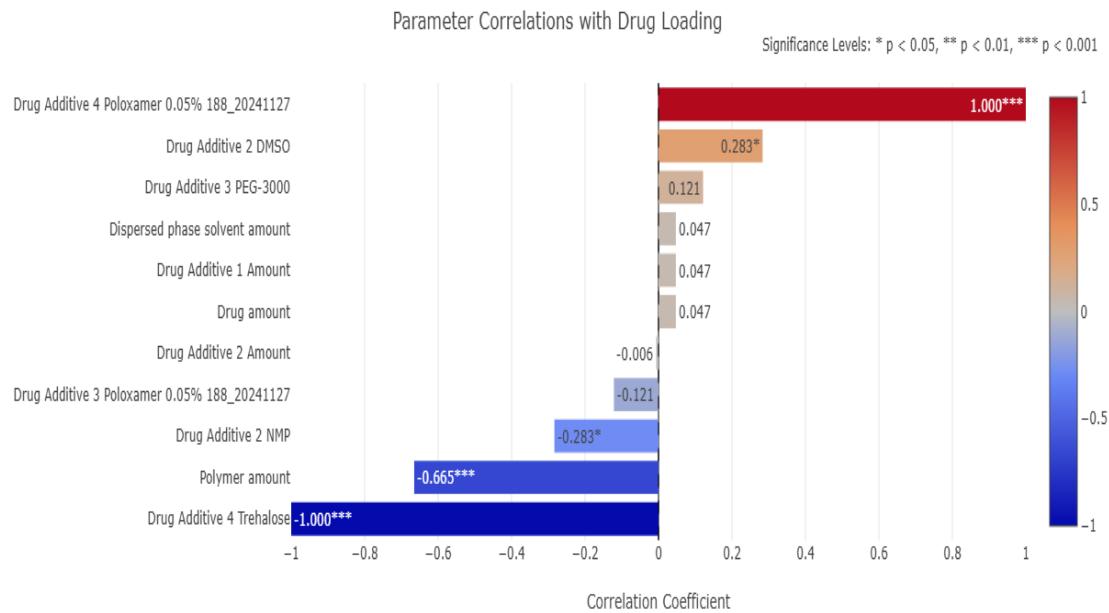
Max: 13.32%

Std Dev: 1.98%

Count: 20

## Correlation Analysis

Analysis of parameter correlations with drug loading across all formulations



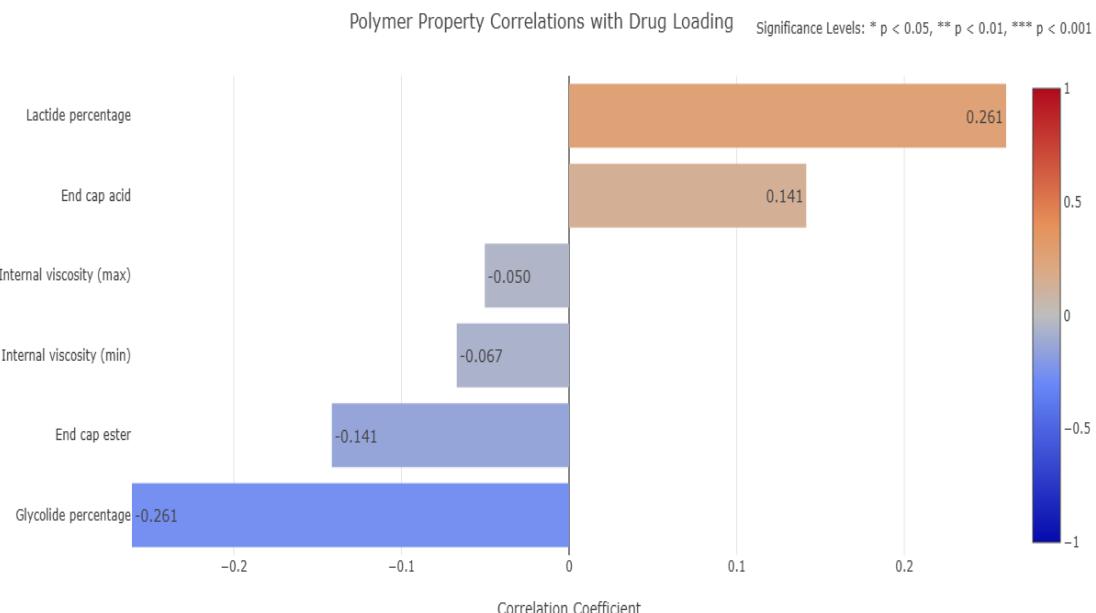
Drug Additive 4 Poloxamer 0.05% 188\_20241127: Positive correlation ( $r = 1.000***$ )

Drug Additive 4 Trehalose: Negative correlation ( $r = -1.000***$ )

Polymer amount: Negative correlation ( $r = -0.665***$ )

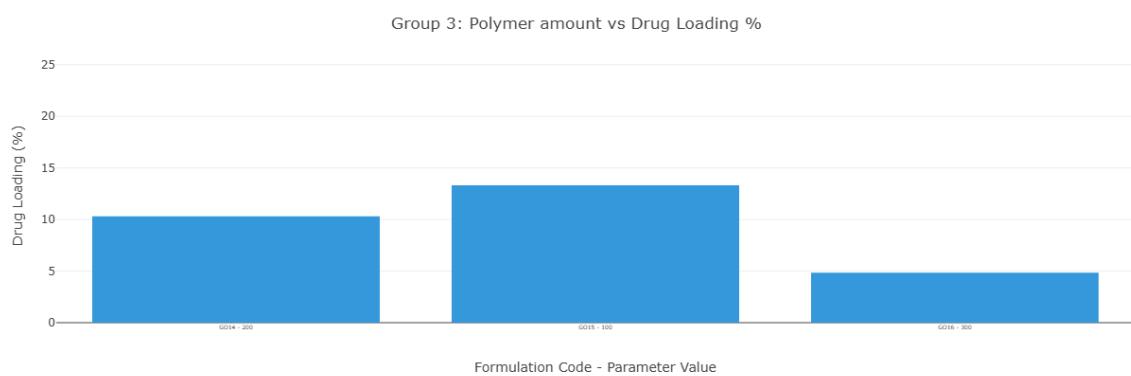
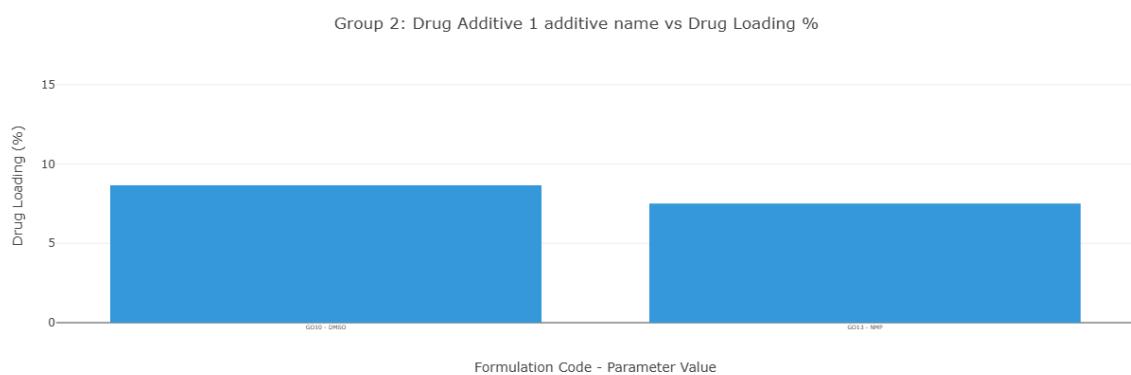
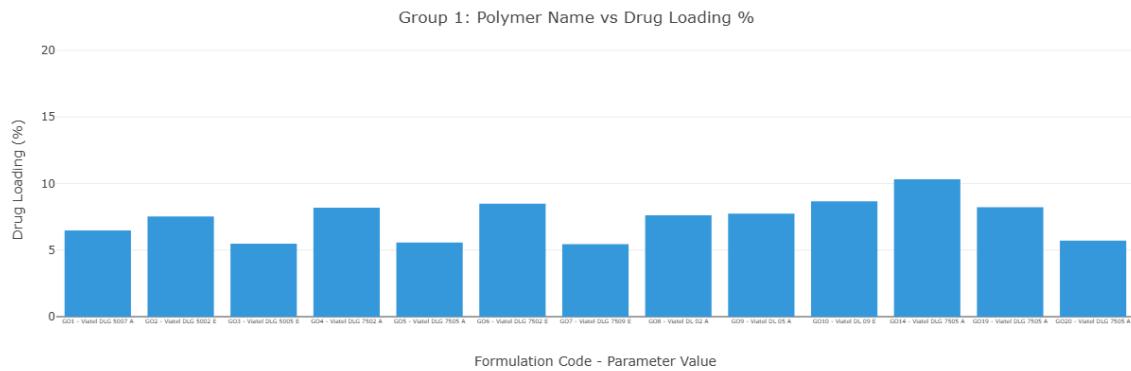
Drug Additive 2 DMSO: Positive correlation ( $r = 0.283^*$ )

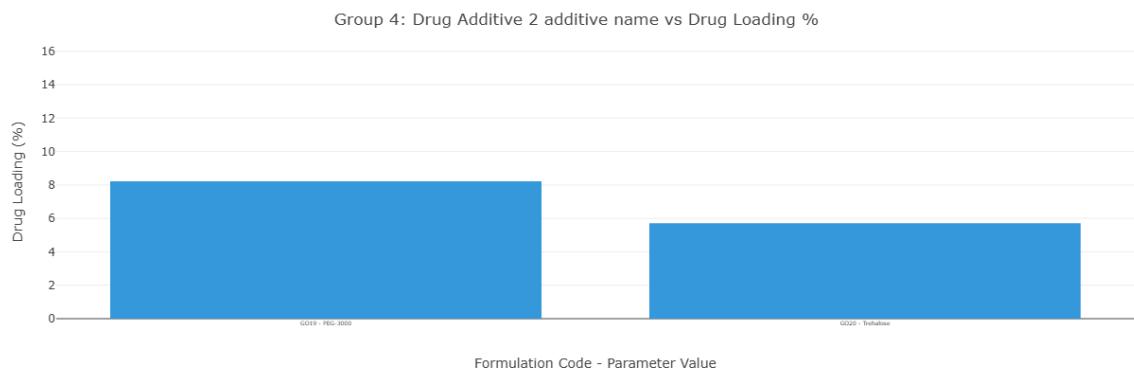
Drug Additive 2 NMP: Negative correlation ( $r = -0.283^*$ )



# Parameter Variation Analysis

Found 4 groups of formulations with single-parameter variations  
1 formulation not part of any single-parameter variation group





Found 4 groups of formulations with single-parameter variations  
1 formulations not part of any single-parameter variation group