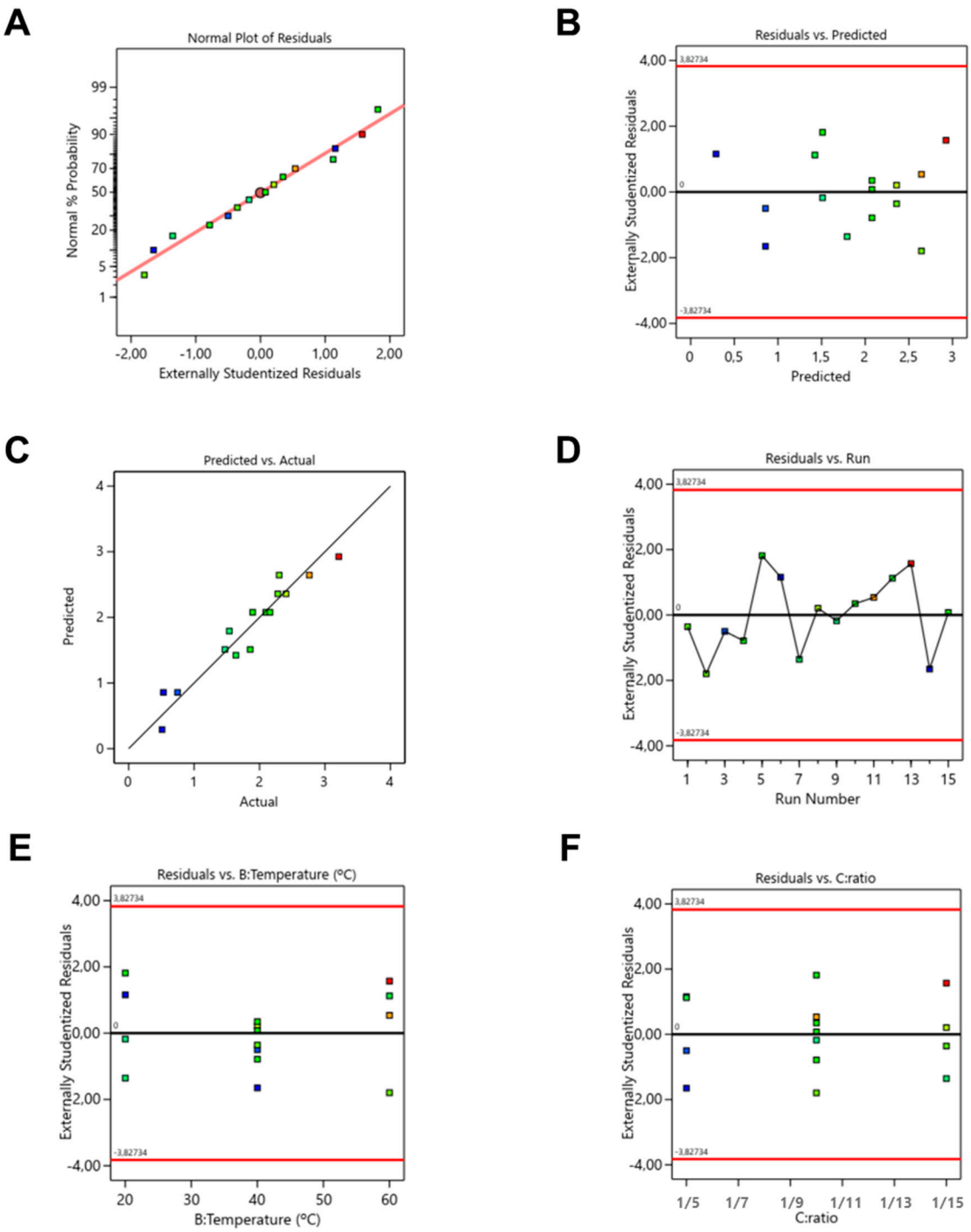


Figure S1. Diagnostic graphics, obtained from Design Expert 11, with a reduced BBD design, with three central points. A-Normal Plot of Residuals; B-Residual vs. Predicted; C- Predicted vs. Actual; D-Residuals vs. Run; E-Residuals vs. B: Temperature; F-Residuals vs. Ratio.