

## Supplementary Material

**Table S1.** Analysis of variance (ANOVA) of the estimated regression models for enzymatic cream demulsification for the AEP cream

<b>Source of variation</b>	<b>Sum of squares</b>	<b>Degrees of freedom</b>	<b>Mean of squares</b>	<b>F<sub>calculated</sub></b>	<b>F<sub>table</sub></b>
Regression	951.5	2	475.8	25.4	4.5
Residue	149.9	8	18.7		
Lack of fit	124.3	6	20.7	1.6	19.3
Pure error	25.6	2	12.8		
Total	1101.4	10			

**Table S2.** Analysis of variance (ANOVA) of the estimated regression models for chemical cream demulsification for the AEP cream

<b>Source of variation *</b>	<b>Sum of squares</b>	<b>Degrees of freedom</b>	<b>Mean of squares</b>	<b>F<sub>calculated</sub></b>	<b>F<sub>table</sub></b>
Regression	796.3	4	199.1	22.1	4.3
Residue	53.7	6	9.0		
Lack of fit	45.7	4	11.4	2.9	19.3
Pure error	8.0	2	4.0		
Total	850.0	10			