**Supplementary Table S4: Table of ANOVA for the [Cn-Cbl] extracted from ODU using 2-Level Factorial**

| Source | Sum of Squares | df | Mean Square | F-value | p-value | |
|---|---|---|---|---|---|---|
| **Model** | 0.0008 | 7 | 0.0001 | 76.53 | < 0.0001 | significant |
| A-Solvent:solvent ratio (MeOH:H2O) | 0.0000 | 1 | 0.0000 | 10.53 | 0.0070 | |
| B-pH | 0.0001 | 1 | 0.0001 | 49.69 | < 0.0001 | |
| C-Solute:solvent ratio | 2.448E-06 | 1 | 2.448E-06 | 1.69 | 0.2180 | |
| AB | 0.0004 | 1 | 0.0004 | 261.72 | < 0.0001 | |
| AC | 0.0003 | 1 | 0.0003 | 184.21 | < 0.0001 | |
| BC | 0.0000 | 1 | 0.0000 | 20.66 | 0.0007 | |
| ABC | 0.0000 | 1 | 0.0000 | 7.22 | 0.0198 | |
| Curvature | 0.0001 | 1 | 0.0001 | 60.40 | < 0.0001 | |
| **Pure Error** | 0.0000 | 12 | 1.448E-06 | | | |
| **Cor Total** | 0.0009 | 20 | | | | |