

Supplementary Material

Table S1. Analysis of A) the mean particle size (Z-Ave), B) the polydispersity index (PDI) and C) zeta potential (ZP) by ANOVA statistical test.

A)

Evaluated factors and their interactions	Sum of squares	Degrees of freedom	Mean square	F-value	p-value
(1)Imwitor® 900 K	1984717	1	1984717	6.173713	0.088900
(2)Poloxamer 188	2062096	1	2062096	6.414409	0.085225
1 by 2	1909648	1	1909648	5.940199	0.092727
Error	964436	3	321479		
Total	6920897	6			

ANOVA; Var.: Z-Average; R-sqr=.86065; Adj:.7213 (FD_Alpha-pinene (1).sta) 2**(2-0) design; MS Residual=321478.7 DV: Z-Average.

B)

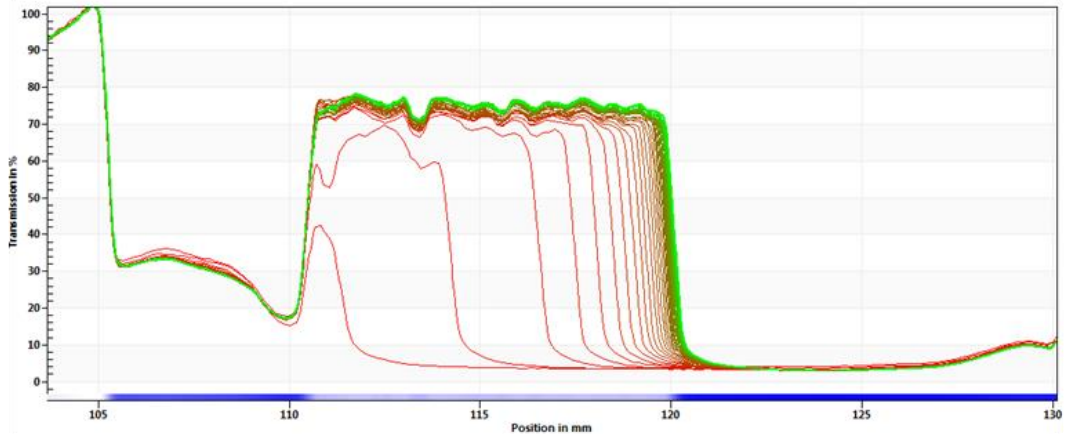
Evaluated factors and their interactions	Sum of squares	Degrees of freedom	Mean square	F-value	p-value
(1)Imwitor® 900 K	0.063504	1	0.063504	2.779458	0.194071
(2)Poloxamer188	0.066049	1	0.066049	2.890848	0.187643
1 by 2	0.034225	1	0.034225	1.497968	0.308339
Error	0.068543	3	0.022848		
Total	0.232321	6			

ANOVA; Var.:PDI; R-sqr=.70496; Adj:.40993 (FD_Alpha-pinene (1).sta) 2**(2-0) design; MS Residual=.0228476 DV: PDI

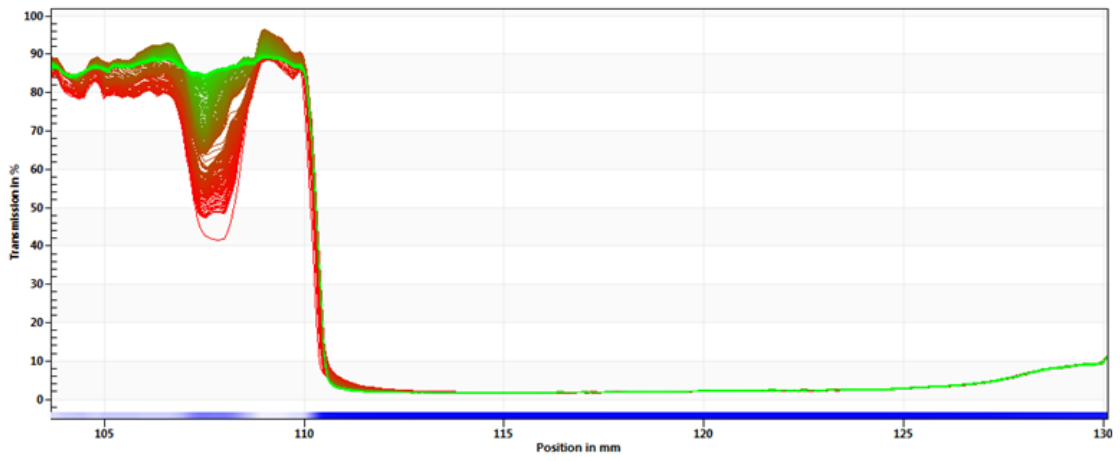
C)

Evaluated factors and their interactions	Sum of squares	Degrees of freedom	Mean square	F-value	p-value
(1)Imwitor® 900 K	0.000784	1	0.000784	0.078011	0.798159
(2)Poloxamer 188	0.005329	1	0.005329	0.530259	0.519189
1 by 2	0.001369	1	0.001369	0.136221	0.736577
Error	0.030149	3	0.01005		
Total	0.037631	6			

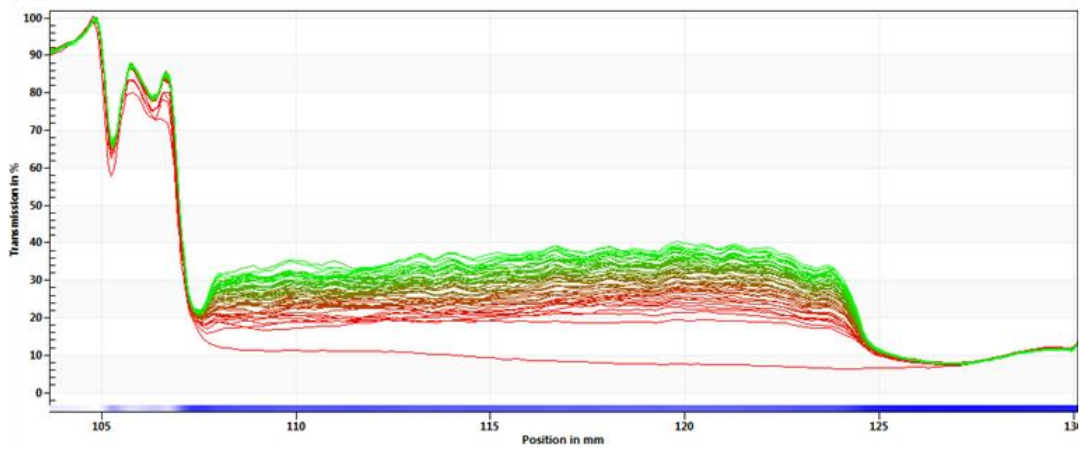
ANOVA; Var.:ZetaPotential; R-sqr=.19882; Adj:0. (FD_Alpha-pinene (1).sta) 2**(2-0) design; MS Residual=.0100498 DV: Zeta Potential



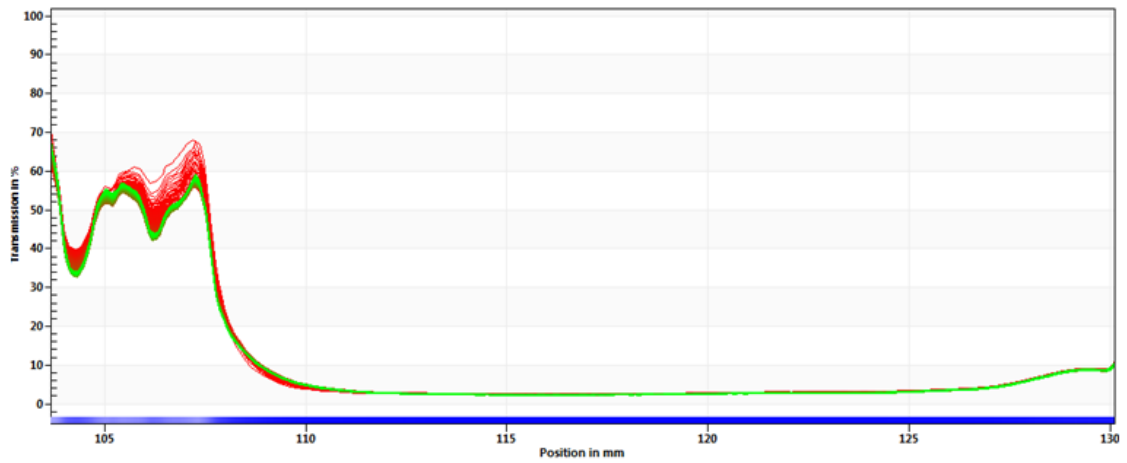
A) SLN1, 25°C - No observable separation.



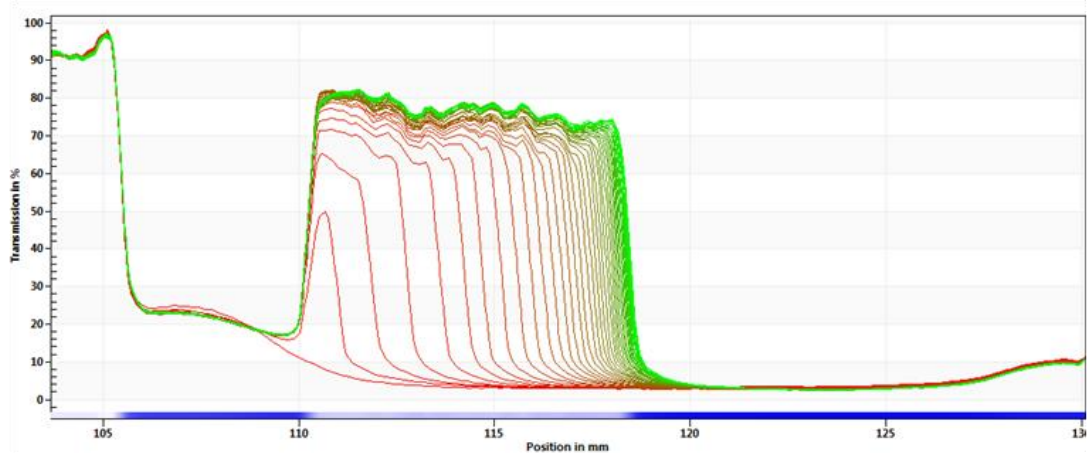
B) SLN2, 25°C - No observable separation. Differences occur before the meniscus.



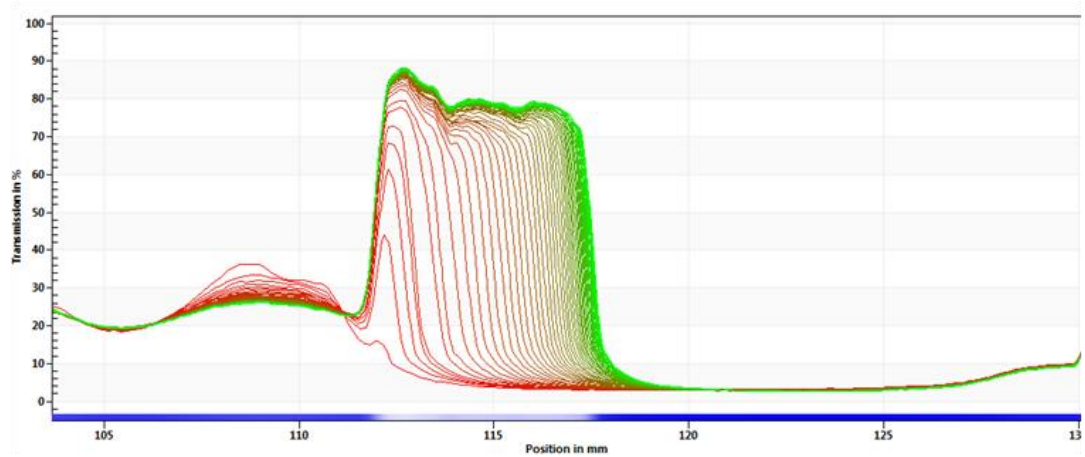
C) SLN3, 25°C - Separation process: sedimentation.



D) SLN4, 25°C - No observable separation.



E) SLN6, 25°C - Separation process: sedimentation with particle compaction.



F) SLN7 25°C - Separation process: sedimentation with particle compaction.

Figure S1: A) SLN1, 25°C - Separation process: sedimentation with particle compaction; B) SLN2, 25°C - No observable separation. Differences occur before the meniscus; C) SLN3, 25°C - Separation process: sedimentation.; D) SLN4, 25°C - No observable separation; E) SLN6, 25°C - Separation process:

sedimentation with particle [compaction](#); F) SLN7, 25°C - Separation process: sedimentation with particle [compaction](#).