FIG. 1

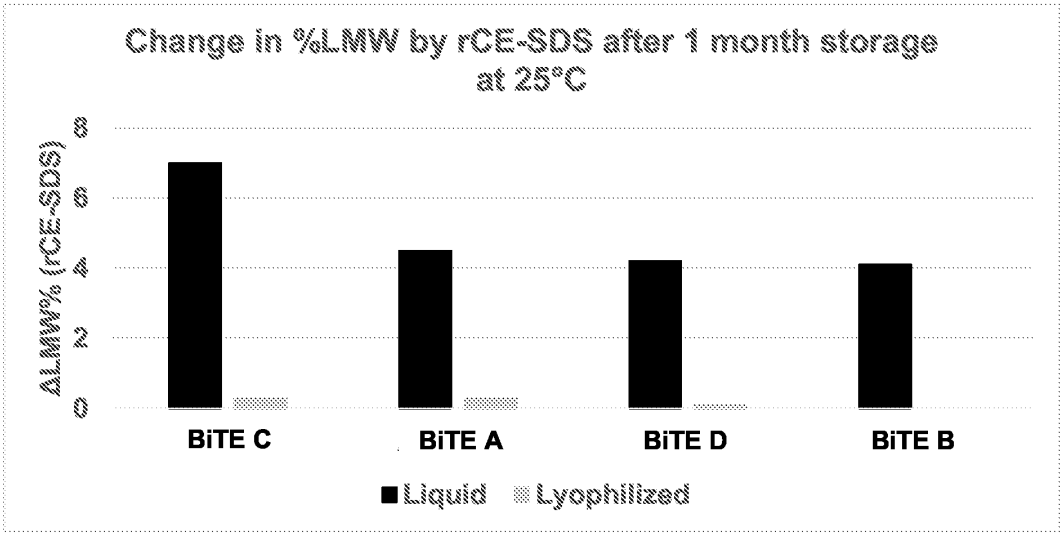

Change in %LMW by rCE-SDS after 1 month storage at 25°C
ΔLMW% (rCE-SDS)
0
2
4
6
8
BiTE C
BiTE A
BiTE D
BiTE B
Liquid
Lyophilized

FIG. 2

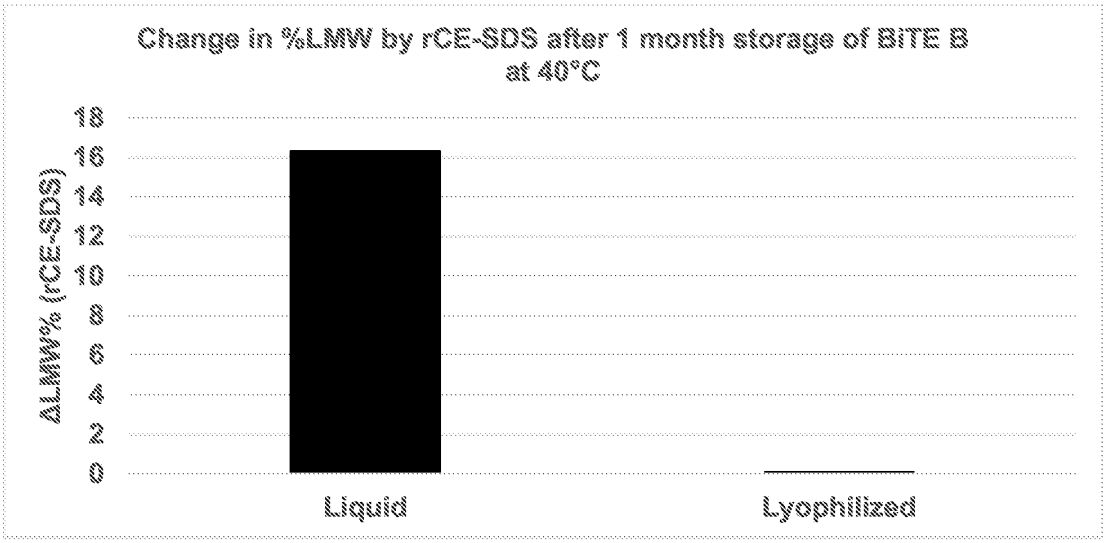

Change in %LMW by rCE-SDS after 1 month storage of BiTE B at 40°C
ΔLMW% (rCE-SDS)
0
2
4
6
8
10
12
14
16
18
Liquid
Lyophilized

FIG. 3

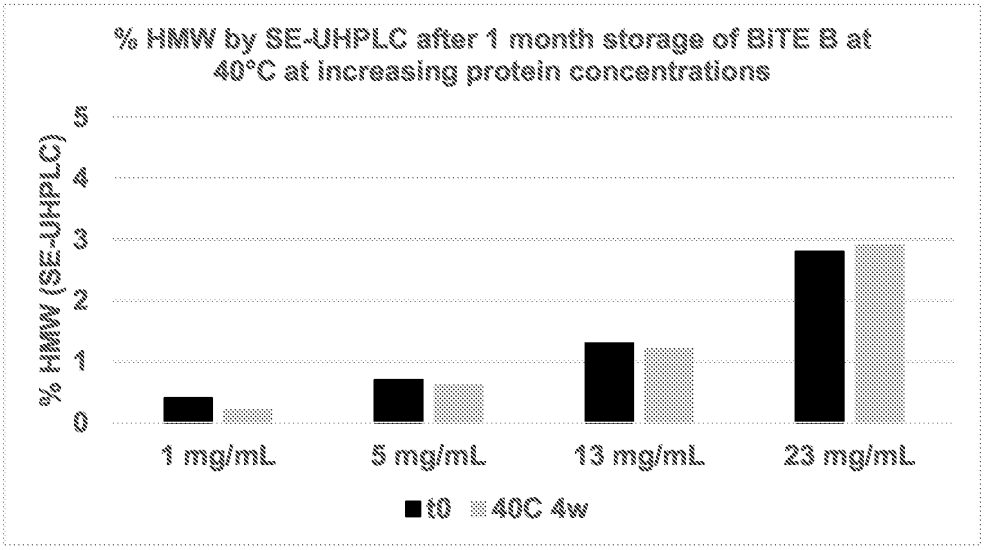

% HMW by SE-UHPLC after 1 month storage of BiTE B at 40°C at increasing protein concentrations
% HMW (SE-UHPLC)
0
1
2
3
4
5
1 mg/mL
5 mg/mL
13 mg/mL
23 mg/mL
t0
40C 4w

FIG. 4

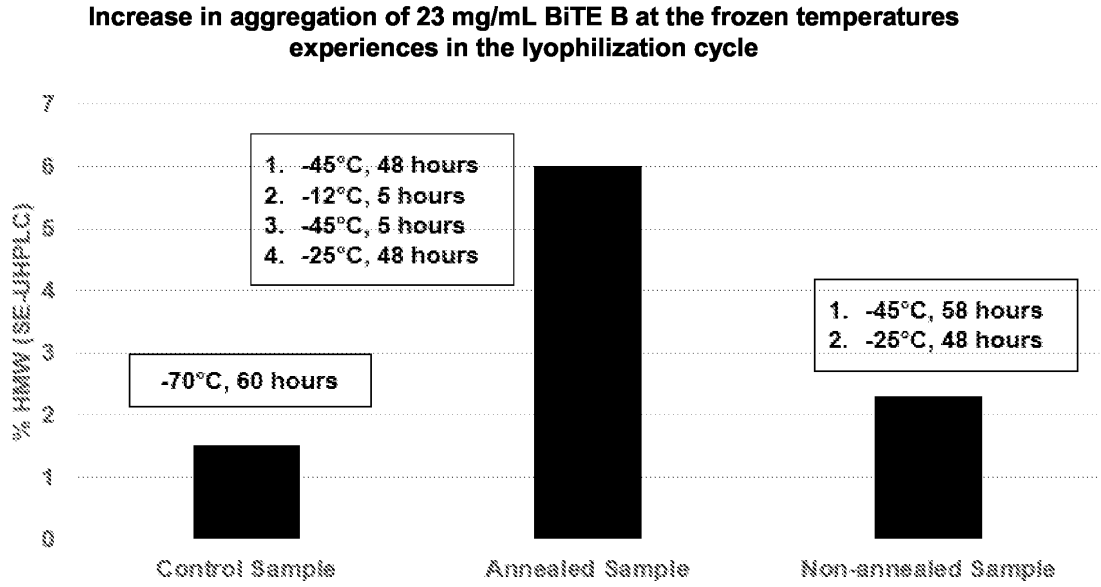

Increase in aggregation of 23 mg/mL BiTE B at the frozen temperatures experiences in the lyophilization cycle
% HMW (SE-UHPLC)
0
1
2
3
4
5
6
7
1. -45°C, 48 hours
2. -12°C, 5 hours
3. -45°C, 5 hours
4. -25°C, 48 hours
-70°C, 60 hours
1. -45°C, 58 hours
2. -25°C, 48 hours
Control Sample
Annealed Sample
Non-annealed Sample

FIG. 5

