

Table S3. Experimental domain and design matrix for Doehlert design.

Factor	Level	
	Low	High
Volume of TCM (μL)	300	1000
% NaCl of aqueous solution	2	10

Design matrix point	Volume of TCM (μL)	% NaCl of aqueous solution
1	450	2
2	825	10
3	1000	6
4	450	10
5	300	6
6	825	2
7	650	6
8	650	6
9	650	6
10	650	6
11	650	6
12	650	6