Supplementary Materials

Eco-Friendly HPLC: Assessing the Sustainable Analysis of Alfuzosin, Tamsulosin, and Tadalafil Newly Approved Combinations in Organic-Solvent Free Mixed Micellar Systems

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Supplementary materials Table S1: Central composite design for three independent variables

Standard	Run	Factor A pH	Factor B Brij Conc. (mM)	Factor C SDS Conc. (mM)
11	11	4.5	9.5	100.0
1	12	3.5	16.0	70.0
2	5	5.5	16.0	70.0
5	13	3.5	16.0	130.0
6	7	5.5	16.0	130.0
13	8	4.5	25.5	49.5
9	1	2.8	25.5	100.0
18	2	4.5	25.5	100.0
15	4	4.5	25.5	100.0
16	9	4.5	25.5	100.0
19	15	4.5	25.5	100.0
17	19	4.5	25.5	100.0
10	3	6.2	25.5	100.0
14	14	4.5	25.5	150.5
3	10	3.5	35.0	70.0
4	17	5.5	35.0	70.0
7	18	3.5	35.0	130.0
8	16	5.5	35.0	130.0
12	6	4.5	41.5	100.0

Supplementary materials Table S2: Robustness results for assay of the drugs under the proposed method

Analyte	Flow rate (1.5 ± 0.1 mL/min)*	Column temperature (30 ± 2°C)*	Wavelength (± 2 nm)*
ALF	100.50 ± 1.06	98.19 ± 2.24	99.71 ± 0.60
TAD	102.87 ± 3.04	98.77 ± 1.66	101.60 ± 1.44
TMS	98.21 ± 2.19	99.82 ± 0.22	98.21 ± 1.65

* The data represents the average recovery results obtained for each cited drug's concentration after +/- changes in the corresponding chromatographic condition (% recovery ± RSD)