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Erratum

Erratum to "Linear regression analysis and its application to the multivariate spectral calibrations for the multiresolution of a ternary mixture of caffeine, paracetamol and metamizol in tablets" [Journal of Pharmaceutical and Biomedical Analysis 33 (2003) 605–615]☆

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The Publisher regrets three errors which appeared in the above-mentioned article.

(1) On page 4 there was an error in Eq. (13). The corrected equation is published below.

$$\boldsymbol{C}_{3\times1} = [(\boldsymbol{K}')_{3\times n}\boldsymbol{K}_{n\times3}]^{-1}_{3\times3}[(\boldsymbol{K}')_{3\times n}(\boldsymbol{A}_{\text{mix}} - \boldsymbol{a}_{XYZ})_{n\times1}] \quad (13)$$

(2) On page 9 there were several errors in the layout of Table 4. The corrected table is published on the next page.

(3) In the conclusion the third sentence should have read

Although the individual spectra of APAP, MET and CAF overlap in the 220–310 nm wavelength range, the TLRC, MLRC and CLS methods gave successful results for the quantitative multiresolution of the multicomponent mixture and two pharmaceutical dosage forms consisting of three compounds.

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Table 1
Recoveries obtained for the determination of CAF, APAP and MET in different synthetic mixtures by using the developed methods

Composition of mixture (μg/ml)			TLRC			MLRC			CLS		
			Recovery (%)			Recovery (%)			Recovery (%)		
CAF	APAP	MET	CAF	APAP	MET	CAF	APAP	MET	CAF	APAP	MET
16	16	12	99.4	101.4	100.4	99.3	101.3	101.3	98.9	101.4	99.8
16	16	20	98.4	101.1	98.4	98.4	100.9	98.9	98.1	101.4	97.9
16	16	32	99.9	103.9	99.3	100.3	103.8	99.0	100.1	104.8	98.3
16	16	40	100.0	102.6	97.7	100.3	102.8	97.8	100.1	104.1	97.3
16	16	48	100.2	104.1	96.0	100.6	103.8	96.3	100.5	105.0	95.8
16	8	20	99.4	102.0	99.7	99.3	101.4	100.4	99.2	103.8	99.1
16	16	20	99.6	100.6	99.7	99.3	100.3	100.6	99.0	100.8	99.7
16	20	20	98.3	99.9	100.4	98.8	100.2	99.4	98.4	100.3	98.6
16	32	20	99.3	99.9	100.2	99.3	99.5	101.5	98.4	99.0	101.4
16	40	20	103.4	99.7	99.0	105.8	101.2	96.0	104.6	100.5	95.0
4	16	20	105.0	103.9	99.5	105.0	104.1	99.2	110.8	103.9	98.0
12	16	20	101.8	103.4	100.6	102.0	103.7	100.2	102.2	103.9	99.2
19	16	20	105.1	103.0	101.3	105.1	102.9	101.8	104.4	103.6	101.0
32	16	20	100.0	103.0	99.6	100.2	103.4	98.8	99.0	104.8	98.3
40	16	20	99.0	102.6	99.1	99.2	102.9	98.1	97.9	104.8	97.7
Mean			100.6	102.1	99.4	100.8	102.13	99.27	100.8	102.8	98.5
R.S.D.			2.20	1.51	1.31	2.44	1.49	1.76	3.45	1.94	1.74

S.D.: standard deviation, R.S.D.: relative standard deviation.