Additional Tables about screening results for S. El Deeb, P. Hasemann and H. Wätzig*:

"Strategies in method development to quantify enantiomeric impurities using CE",

Electrophoresis 2008, *29,* in print.

Table A. Screening results for atenolol, alprenolol, ephedrine, isoprenaline and methadone

CD Type	Atenolol	Alprenolol	Ephedrine	Isoprenaline	Methadone
α-CD	One peak (+)	No peak	No peak	No peak	No peak
β-CD	No peak	No peak	No peak	No peak	No peak
γ-CD	No peak	No peak	No peak	No peak	No peak
HP-α-CD	No peak	No peak	No peak	No peak	One peak (+)
HP-β-CD (Supelco)	No peak	No peak	No peak	No peak	Two peaks (+)
HP-β-CD (Sigma)	One peak (+)	No peak	No peak	$R_s = 1.1$ (+)	Two peaks (+)
HP-γ-CD	No peak	No peak	No peak	$R_s = 1.4$ (+)	No peak
CM-β -CD	No peak	No peak	No peak	$R_s = 1.17$ (+)	No peak
CM-γ-CD	No peak	No peak	No peak	$R_s = 1.18$ (+)	No peak
HS-α-CD	Badly shaped peak" Rs = 1.37 (-)	$R_s = 1.53$ (-)	No peak	No peak	No peak
HS-β-CD (Supelco)	Peak with two tops (+) $R_s = 0.79$ (-)	$R_s = 1.92$ (-)	Peak with many tops (+)	No peak	No peak
HS-β-CD (Sigma)	$R_s = 0.67$ (-)	Two peaks one with 2 tops $R_s = 1.4$	peak with two tops (+)	One peak (+) $R_s = 5.74$ (-)	Two peaks (+)
HS-γ-CD	$R_s = 2.54$ (-)	$R_s = 1.93$ (-)	No peak	No peak	No peak
Phosphated- α-CD	No peak	Two peaks $R_s = 0.65$(+)	No peak	No peak	No peak
Phosphated- β-CD	No peak	No peak	No peak	No peak	No peak
Phosphated- γ-CD	No peak	No peak	No peak	No peak	No peak
Succinylated- β-CD	No peak	No peak	No peak	No peak	No peak

(+) refers to separation under normal polarity

(-) refers to separation under reversed polarity

Table B. Screening results for pindolol, promethazine, propranolol, tryptophan and verapamil

CD Type	Pindolol	Promethazine	Propranolol	Tryptophan	Verapamil
α-CD	No peak	No peak	No peak	Rs = 2.45	No peak
β-CD	No peak	No peak	No peak	No peak	No peak
γ-CD	No peak	No peak	No peak	No peak	No peak
HP-α-CD	No peak	No peak	No peak	No peak	One peak (+)
HP-β-CD (Supelco)	No peak	No peak	No peak	No peak	Peak with shoulder (+)
HP-β-CD (Sigma)	No peak	No peak	No peak	No peak	One peak (+)
HP-γ-CD	No peak	No peak	No peak	No peak	One peak (+)
CM-β-CD	peak with shoulder (+)	No peak	peak with two tops (+)	$R_s = 0.4$	No peak
CM-γ-CD	No peak	No peak	Badly shaped peak with 2 tops (+)	No peak	No peak
HS-α-CD	No peak	Peak with two tops (-)	No peak (-)	No peak	$R_s = 10.2$ (-)
HS-β-CD (Supelco)	No peak	peak with shoulder (-)	One peak (-)	No peak	$R_s = 1.56$ (-)
HS-β-CD (Sigma)	One peak top split (-)	No peak	One peak (-)	Two peaks - one small	$R_s = 7.42$ (-)
HS-γ-CD	Two badly shaped peaks (-)	No peak	One peak (-)	No peak	$R_s = 6.98$ (-)
Phosphated- α-CD	No peak	No peak	No peak	No peak	No peak
Phosphated- β-CD	No peak	No peak	No peak	No peak	No peak
Phosphated- γ-CD	No peak	No peak	No peak	No peak	No peak
Succinylated- β-CD	No peak	No peak	No peak	No peak	peak with two tops (+)

(+) refers to separation under normal polarity

(-) refers to separation under reversed polarity

Table C. Screening results for ibuprofen, ketoprofen, mandelic acid and naproxen.

CD Type	Ibuprofen	Ketoprofen	Mandelic acid	Naproxen
Cationic-CD I	No peak	No peak	No peak	No peak
Cationic-CD II	No peak	Peak with shoulder	$R_s = 1.1$	Peak with shoulder