

APPENDIX 1: Chemical composition of the two hemofiltration solutions.

<i>Constituents</i>	<i>Standard Solution</i>	<i>Experimental Solution</i>
	<i>( C18 )</i>	<i>( C15 )</i>
Sodium	152.0 mmol/l	143.0 mmol/l
Potassium	1.0 mmol/l	1.0 mmol/l
Chloride	99.0 mmol/l	99.0 mmol/l
Citrate	18 mmol/l	15 mmol/l
<i>Calculated parameters</i>		
HF-SIDa	54 meq/l	45 meq/l
Osmolality	270 mOsm/kg	258 mOsm/kg
pH range	5.0 – 6.5	5.0 – 7.5

The HF apparent strong ion difference(HF-SIDa) calculated as  $[Na^+] + [K^+] - [Cl^-]$ .  
Citrate was treated as a weak acid.