

Table SI. Individual measured concentrations, and released chromium (Cr), Cr(III), and Cr(VI) per dry leather mass (mg/kg)

Samples	Concentration mg/l	Mean ± SD mg/l	Total Cr released mg/kg	Mean ± SD mg/l	CrIII released mg/kg	Mean ± SD mg/kg	CrVI released mg/kg	Mean ± SD mg/kg
Reference leather								
Sample 1	1.14	1.12 ± 0.03	120	112 ± 8.2	116	107 ± 9.6	3.60	5.0 ± 1.5
Sample 2	1.08		112		107		4.90	
Sample 3	1.14		104		97.0		6.50	
Used gloves								
Sample 1	0.42	0.66 ± 0.23	18.3	33.1 ± 13.9	13.8	23.2 ± 10.4	4.50	9.9 ± 4.7
Sample 2	0.69		37.5		22.4		15.1	
Sample 3	0.94		44.8		31.1		13.7	
Sample 4	0.43		18.4		12.4		6.00	
Sample 5	0.82		46.5		36.2		10.3	
Unused gloves								
Sample 1	0.59	0.66 ± 0.22	23.8	33.4 ± 13.5	19.8	28.9 ± 15.2	3.97	4.5 ± 5.1
Sample 2	0.74		37.5		25.0		12.5	
Sample 3	1.01		55.1		55.1		<LOD	
Sample 4	0.44		28.0		28.0		<LOD	
Sample 5	0.52		22.6		16.7		5.83	
Used cooling fluid								
Sample 1 (pH 8.5)	0.40	0.47 ± 0.15	Not applicable					
Sample 2 (pH 8.5)	0.37							
Sample 3 (pH 8.4)	0.64							
Unused cooling fluid								
Sample 1 (pH 9.8)	<LOD	< LOD						
Sample 2 (9.8)	<LOD							
Sample 3 (9.8)	<LOD							

<LOD: below limit of detection; SD: standard deviation.