

Table S1. Instrumental conditions for chromatographic separation of amino acids.

Mobile Phase (0.250 mL/min)				Time/Potential waveform		
Time (min)	H ₂ O (%)	NaOH 250 mM (%)	NaOAc 1M (%)	Time (sec)	Potential (V)	Integration
0.0	80	20	0	0.00	+ 0.13	start
2.0	80	20	0	0.04	+ 0.13	
12.0	80	20	0	0.05	+ 0.28	
16.0	68	32	0	0.11	+ 0.28	
24.0	36	24	40	0.12	+ 0.60	
40.0	36	24	40	0.41	+ 0.60	
40.1	20	80	0	0.42	+ 0.28	end
42.1	20	80	0	0.56	+ 0.28	
42.2	80	20	0	0.57	− 1.67	
62.0	80	20	0	0.58	− 1.67	
				0.59	+ 0.93	
				0.60	+ 0.13	