

Chemical characterization and sensory evaluation of a phenolic-rich melanoidin isolate contributing to coffee astringency

Department of Food Science & Technology, The Ohio State University, 2015 Fyffe Rd., Columbus, OH 43210-1007, USA, peterson.892@osu.edu, +1-614-688-2723

Supplemental Data

Table S1. Signal Detection Response Matrix. Letters a-l represent group response frequencies for each response type (adapted from O'Mahony, 1992).

	Different (Sure)	Different (Unsure)	Different (Guess)	Same (Guess)	Same (Unsure)	Same (Sure)
Stimulus	a	b	c	d	e	f
Blind Control	g	h	i	j	k	l

Equation S1. R-index equation. Variables refer to response frequencies represented in Table S1. (reproduced from O'Mahony 1992)

$$R = \frac{a(h+i+j+k+l) + b(i+j+k+l) + c(j+k+l) + d(k+l) + e(l) + f + \frac{1}{2(ag + bh + ci + dj + ek + fl)}}{(a+b+c+d+e+f)(g+h+i+j+k+l)}$$

