

Table S5 Analysis of variance regression equation

Object	Source	Sum of Squares	df	Mean Square	F Value	p-value Prob>F	
flavonoids	Model	0.15	9	0.016	3.37	0.0360	significant
	Residual	0.048	10	4.850E-003			
	Lack of Fit	0.040	5	8.009E-003	4.74	0.0565	not significant
	Pure Error	8.452E-003	5	1.690E-003			
	Cor Total	0.20	19				
corn silk polysaccharide	Model	0.041	9	4.539E-003	4.59	0.0130	significant
	Residual	9.880E-003	10	9.880E-004			
	Lack of Fit	8.136E-003	5	1.627E-003	4.66	0.0582	not significant
	Pure Error	1.744E-003	5	3.489E-004			
	Cor Total	0.051	19				