

**Table S1.** Pearson's product moment correlations matrix. Processing variables: disruption intensity, drying temperature; Measured variables: particle size, total phenols, total flavonoids, DPPH antioxidant capacity, ABTS antioxidant capacity and total carotenoid content.

	<i>Disruption intensity</i>	<i>Drying temperature</i>	<i>Particle size</i>	<i>Phenols</i>	<i>Flavonoids</i>	<i>DPPH</i>	<i>ABTS</i>	<i>Carotenoids</i>
<b>Disruption intensity</b>	1							
<b>Drying temperature</b>	-0.3932	1						
<b>Particle size</b>	-0.8626**	0.6942**	1					
<b>Phenols</b>	-0.6792**	0.9122**	0.8117**	1				
<b>Flavonoids</b>	-0.9572**	0.3509	0.8183**	0.6156*	1			
<b>DPPH</b>	-0.7632**	0.7921**	0.8782**	0.8972*	0.6841**	1		
<b>ABTS</b>	-0.4598**	0.9905**	0.7553**	0.9257**	0.4002**	0.8245**	1	
<b>Carotenoids</b>	0.4575	-0.9441**	-0.7911**	-0.8670**	-0.4249	-0.7708**	-0.9636**	1

\*Indicates significant correlation at the 95% confidence level (p-value<0.05). \*\*Indicates significant correlation at the 99% confidence level (p-value<0.01)