

**Supplementary Table S1.** Regression equation, LODs and LOQs for the two analytes of the assay.

Analyte	Regression Equation	r <sup>2</sup>	Linear range (µg/mL)	LOD(µg/mL)	LOQ(µg/mL)
Morrisoniside	$Y = 16724.4x + 10388.38$	0.9999	10.00–100.00	0.2841	0.8610
Loganin	$Y = 16559.1x + 9546.56$	0.9995	20.00–80.00	0.2153	0.6524