

## Supplementary File

# Acid Hydrolysis of Quinoa Starch to Stabilize High Internal Phase Emulsion Gels

**Table S1** Yield of QS nanocrystals and DH of QS as a function of hydrolysis time (1–4 days) with statistical analysis

Hydrolysis time (day)	Sample	Yield (%)	DH (%)
1	QS-1	$30.4 \pm 0.2^d$	$51.2 \pm 0.7^a$
2	QS-2	$18.8 \pm 0.1^c$	$73.6 \pm 0.9^b$
3	QS-3	$13.6 \pm 0.1^b$	$82.7 \pm 1.3^c$
4	QS-4	$10.8 \pm 0.1^a$	$87.8 \pm 1.6^d$

Different superscript letters (a–d) were used to represent statistical significance among different samples ( $p < 0.05$ ).

**Table S2** Apparent viscosity of HIPEs stabilized by QS as a function of hydrolysis time (0–4 days) with statistical analysis

Sample	Apparent viscosity (mPa·s)
QS	$1080.0 \pm 10.0^a$
QS-1	$1353.3 \pm 15.3^b$
QS-2	$2250.0 \pm 26.4^c$
QS-3	$3003.3 \pm 15.3^d$
QS-4	$3313.3 \pm 83.3^e$

Different superscript letters (a–e) were used to represent statistical significance among different samples ( $p < 0.05$ ).