

Table 1S. Comparison of efficiency of extraction by the three reaction mixtures.

Extraction Method	#1, Formate	#2, Arginine + salt	#3, Arginine + salt + MgCl ₂
Contents + pH	Standard Zarrouk's medium without HCO ₃ ⁻ , supplemented with 100 mM sodium formate (pH 7.8)	Standard Zarrouk's medium without HCO ₃ ⁻ , supplemented with 400 mM NaCl, 10 mM L-arginine (pH 7.8)	Standard Zarrouk's medium without HCO ₃ ⁻ , supplemented with 400 mM NaCl, 10 mM L-arginine, and 100 mM MgCl ₂ (pH 7.15)
%Fv/Fm; %O ₂ ↑	83%; 3.8%	74%; 3.5%	53%; 1.1%
%reconstitution	100%	110%	96%