

**S2\_Table.** Cell digestion experiments. Element (Co, Fe, Mo and Ni) concentrations in washing medium, supernatant and cell pellets in µg/L.

Description	Co	Fe	Mo	Ni
Supernatant growth medium <i>M.bryantii</i>	2,35	253	4,35	10,1
Supernatant growth medium <i>M.barkeri</i>	<DL	8,56	10,8	5,46
Supernatant growth medium MAB1	<DL	41,3	8,62	7,61
Pure basal medium (washing liquid, blank)	<DL	5,53	<DL	2,45
Pure growth medium (with C1 & C2)	50,0	2000	50,0	80,0
The sample, cells dissolved in washing liquid, <i>M.bryantii</i>	355	630	418	363
The sample, cells dissolved in washing liquid, <i>M.barkeri</i>	282	10500	709	381
The sample, cells dissolved in washing liquid, MAB1	120	12400	1350	209