Supplementary Materials: Antioxidant and cytoprotective properties of cyanobacteria: potential for biotechnological applications

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Table S1. Cell volume and antioxidant content expressed "per cell" and "per cell volume" of cyanobacterial strains.

Cyanobacterial Strains	**Cell Volume (μm^3)**	**Solvent**	**DPPH Inhibition**		**Phenolic Compounds**		**Flavonoid Compounds**	
			TE pg/cell	**TE pg/μm^3**	**GAE fg/cell**	**GAE fg /μm^3**	**QE fg /cell**	**QE fg /μm^3**
LMECYA 173	1.48	Methanol	0.064 ± 0.003	0.042 ± 0.002	2.45 ± 0.04	1.63 ± 0.02	24.0 ± 0.7	16.0 ± 0.5
		Ethanol	0.013 ± 0.002	0.009 ± 0.002	2.91 ± 0.03	1.94 ± 0.02	15.34 ± 0.1	10.24 ± 0.07
LMECYA 257	8.19	Methanol	1.25 ± 0.08	0.156 ± 0.009	74 ± 1	9.2 ± 0.1	489 ± 4	61.2 ± 0.5
		Ethanol	0.012 ± 0.000	0.001 ± 0.007	52 ± 1	6.49 ± 0.09	219 ± 5	27.3 ± 0.6
LMECYA 180	10.08	Methanol	3.4 ± 0.2	0.34 ± 0.02	200 ± 2	20.0 ± 0.2	571 ± 19	57 ± 2
		Ethanol	0.66 ± 0.04	0.066 ± 0.004	240.3 ± 0.4	24.03 ± 0.05	880 ± 9	88 ± 1
LEGE 06224	11.33	Methanol	2.2 ± 0.3	0.20 ± 0.02	124.5 ± 0.6	11.3 ± 0.05	1002 ± 20	91 ± 2
		Ethanol	2.20 ± 0.03	0.200 ± 0.002	197 ± 5	17.9 ± 0.5	912 ± 22	83 ± 2
LMECYA 009	12.69	Methanol	0.207 ± 0.001	0.0159 ±0.0001	34.6 ± 0.3	2.66 ± 0.02	189 ± 2	14.5 ± 0.5
		Ethanol	0.04 ± 0.02	0.003 ± 0.001	52 ± 2	4.0 ± 0.1	308 ± 3	23.7 ± 0.2
LMECYA 127	22.26	Methanol	2.0 ± 0.2	0.09 ± 0.01	165 ± 7	7.5 ± 0.3	733 ± 8	33.3 ± 0.3
		Ethanol	0.5 ± 0.1	0.021 ± 0.004	102 ± 1	4.65 ± 0.07	564 ± 3	25.6 ± 0.2
LMECYA 088	25.99	Methanol	0.10 ± 0.01	0.0039 ± 0.0004	11.5 ± 0.3	0.44 ± 0.01	37 ± 1	1.41 ± 0.04
		Ethanol	0.042 ± 0.007	0.0016 ± 0.0002	35.3 ± 1.2	1.36 ± 0.05	258 ± 1	9.92 ± 0.05
LMECYA 291	36.88	Methanol	13.1 ± 1.1	0.354 ± 0.03	1099 ± 17	29.7 ± 0.5	3744 ± 119	101 ± 3
		Ethanol	4.312 ± 0.001	0.12 ± 0.06	964 ± 10	26.1 ± 0.3	3373 ± 99	91 ± 3