

Supplementary Materials

Exploring the potential of *Nannochloropsis* sp. extract for cosmeceutical applications

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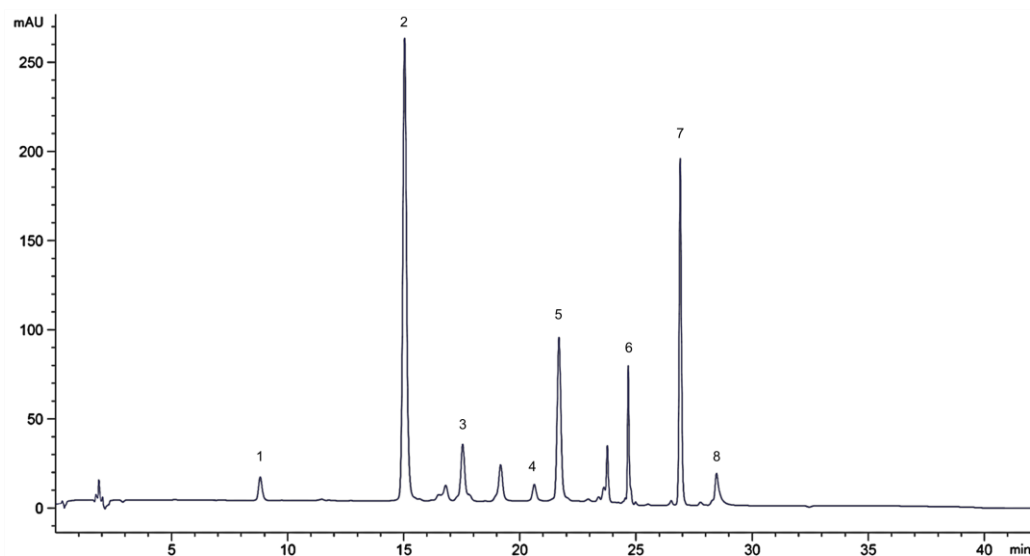


Figure S1. HPLC chromatogram of ethanol extract from *Nannochloropsis* sp. G1-5 (NG15).

Table S1. LC-PDA-ESI⁺-MS analysis of pigments of NG15 extract.

Peak	t _R (min)	Name	λ _{max} (nm)	ESI ⁺ -MS (<i>m/z</i>)	References
1	8.82	Vaucheriaxanthin	417, 441, 470	618.32 ([M+H] ⁺)	61,62
2	15.04	Violaxanthin	417, 441, 470	601.39 ([M+H] ⁺)	61–63
3	17.54	Astaxanthin	482	597.38 ([M+H] ⁺)	61–63
4	20.62	Zeaxanthin	453, 478	568.68 ([M] ⁺)	61–63
5	21.68	Vaucheriaxanthin ester	422, 445, 473	785.71 ([M+H] ⁺)	61,62
6	24.67	Canthaxanthin	478	565.48 ([M+H] ⁺)	61–63
7	26.90	Chlorophyll a	431, 664	893.4 ([M+H] ⁺)	64
8	28.47	β-carotene	452, 479	536.17 ([M] ⁺)	61–63