

Table S6 Application of the electrochemical sensing–conversion factor T strategy to commercial eye-care products (n = 3)

Section	Saponified lutein (mg/g)	Electrochemically determined lutein dipalmitate (mg/g)	Lutein dimyristate (mg/g)	Lutein myristate-palmitate (mg/g)	Lutein palmitate-stearate (mg/g)	Calculated lutein content (mg/g)
1	3.72	2.78	0.98	1.97	0.72	3.55
2	3.79	2.83	1.00	2.01	0.73	3.63
3	3.65	2.82	0.99	2.00	0.73	3.61
Mean ± SD	3.72 ± 0.07	2.81 ± 0.03	0.99 ± 0.01	2.00 ± 0.02	0.73 ± 0.01	3.60 ± 0.04