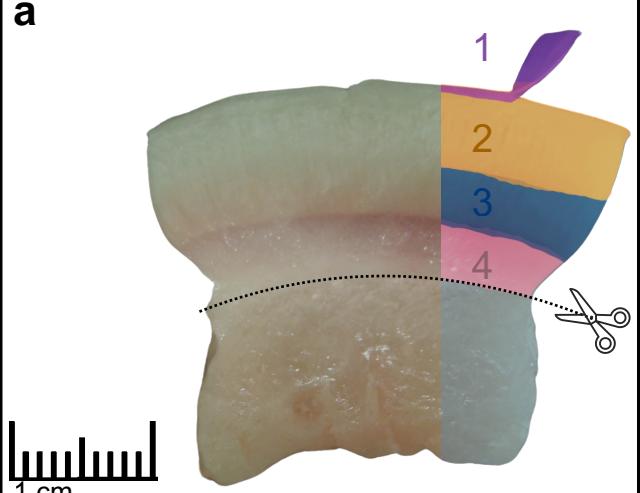


**a****b**

Skin segment	Skin layer description	Selenoneine Concentration (mean µg/g)	Ergothioneine Concentration (mean µg/g)
1	<i>Stratum corneum</i>	$31.5 \pm 3.76$	$161 \pm 29.1$
2	<i>Upper stratum spinosum</i>	$23.2 \pm 5.03$	$100 \pm 22.1$
3	<i>Lower epidermal layer (lower stratum spinosum and stratum basale)</i>	$17.2 \pm 2.46$	$78.3 \pm 11.7$
4	Dermis	$7.54 \pm 3.05$	$41.9 \pm 16.9$

**c**