

S5_Table. Data of phenolic profile of *S. marianum*, *S. eburneum*, and *S. marianum* commercial seed oils

	<i>S. marianum</i>			<i>S. eburneum</i>			<i>S. marianum</i> commercial (Compagnie des sens)		
Colorimetric quantification									
Repetition	1	2	3	1	2	3	1	2	3
<i>Total phenols content (mg GAE/100g of oil)</i>	5.929	4.973	4.017	5.212	4.141	5.022	5.209	7.535	5.768
<i>Total flavonoids content (mg QRE/100g of oil)</i>	22.612	19.133	20.873	15.049	18.131	15.500	20.022	18.048	20.586
<i>Total carotenoids content (mg/kg)</i>	0.426	0.174	0.155	0.185	0.185	0.204	0.215	0.200	0.264
HPLC quantification									
Phenols acids (mg equivalent Quercetin / 100g of oil)									
<i>Vanillin</i>	0.13			0.28			0.06		
<i>Coumarin</i>	0.43			ND			ND		
<i>Silibinine</i>	ND			ND			0.36		
Peak at 48.1 min	3.27			ND			ND		
Peak at 48.9 min	5.48			ND			ND		
Sum peak at à 280 nm	11.81			1.94			2.54		