

**TABLE 1****Sun protection parameters of basil extracts.**

Percentage (%) ethanol/H <sub>2</sub> O	<sup>a</sup> SPF	Percentage (%) UV filter	critical $\lambda$	UVA/UVB	mg HCAs/2g basil
100	0.25	0.14	387	2.23	1.35
80	1.41	0.73	367	1.37	7.53
<b>70</b>	<b>3.11</b>	<b>1.7</b>	<b>371</b>	<b>1.56</b>	<b>16.63</b>
60	3.45	1.9	361	1.31	18.79
40	4.22	2.3	361	1.32	23.03
20	3.77	2.0	359	1.18	19.73
<sup>b</sup> Sunscreen 1	8.4	19	371	1.63	-
<sup>c</sup> Sunscreen 2	10.9	13	368	1.49	-

Note. a. *In vitro* SPF by Mansur; b) Broadband, in vivo SPF=+50 contains avobenzone 3%, homosalate 10%, oxybenzone 6%, overall, 19% w/w UV filters; c). Broadband, in vivo SPF=+100 contains avobenzone 2%, octocrylene 8%, oxybenzone 3%, overall, 13% w/w UV filters.