

## Iodine content in "Sea Truffle" (*Polysiphonia lanosa*)

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Iodine Content of Algae — GRIMM

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TABLE 1—continued

SPECIES TESTED	COLLECTION*	SOURCE†	MG. I <sub>2</sub> / GM. ALGA	PARTS PER MILLION
<i>Plumaria filicina</i> (Farlow) Kuntz.....	H 7681	O	1.25	1250
<i>Plumaria hypnoides</i> (Harvey) Kuntz.....	H 1236	O	0.078	80
<i>Plumaria sericea</i> (Harvey) Rupr.....	G .....	M	0.32	320
<i>Polyides rotundus</i> (Gmelin) Grev.....	G .....	M	0.039	40
<i>Polyneura latissima</i> (Harvey) Kylin.....	H 1147	O	0.039	40
<i>Polysiphonia elongata</i> (Hudson) Harvey.....	G .....	M	trace	trace
<i>Polysiphonia lanosa</i> (L.) Tandy.....	G .....	M	0.438	440
<i>Porphyra naiadum</i> Anderson.....	H 1023	O	0.313	310
<i>Pterochondria woodii</i> (Harvey) Hollenberg.....	H 1148	O	0.078	80
<i>Pterosiphonia bipinnata</i> var. <i>robusta</i> (Gard.) Doty..	H 1213	O	0.078	80
<i>Rhodomela larix</i> (Turner) C. Ag.....	H 1033	O	0.156	160
<i>Rhodymenia californica</i> Kylin.....	H 1196	O	0.078	80
<i>Spermothamnion turneri</i> (Mertens) Aresch.....	G .....	M	0.313	310
<i>Zanardinula andersonii</i> (J. Ag.) Papenfuss.....	H 7674	O	0.039	40
<i>Zanardinula filiformis</i> (Kylin) Papenfuss.....	H 7671	O	0.078	80
<i>Zanardinula lanceolata</i> (Harvey) De Toni.....	H 7672	O	0.02	20
	H 7673	O	0.059	60
<i>Zanardinula lyallii</i> (Harvey) De Toni.....	H 7675	O	0.117	120
	H 1050	O	0	0

\* Collector: B, A. J. Bernatowicz; D, M. S. Doty; G, M. R. Grimm; H, L. Horowitz.

† Location: B, Bermuda; H, Hawaii; M, Woods Hole, Massachusetts; O, Cape Arago, Oregon.

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**Comments: *P. Lanosa* is a red algae and all red algae have a very low iodine content. As you see Table 1 you will find a iodine content at 0,438 mg / kg seaweed. Means min. 0,2 mg/kg and max 0,5 mg/kg and it's very low compared with the official EU limit value.**

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