

Appendix 38
FLUORIDE CONTENT (ug/mL) OF PLANT SAMPLES FROM BANGALORE
 (IN DIFFERENT EXTRACTIONS, ESTIMATED BY THE
 ION-SELECTIVE ELECTRODE METHOD)
 (Data gathered by Dr R Shubharani)

S. No.	Species, family and use	Water Extraction	Acid Extraction	Fusion with KOH
1.	<i>Amaranthus gangeticus</i> Amaranthaceae (leaf vegetable)	0.4	0.4	0.64
2.	<i>Anacardium occidentale</i> Anacardiaceae cashew; tooth brush)	0.052	0.5	1.15
3.	<i>Artocarpus heterophyllus</i> Moraceae (jack fruit; tooth brush)	0.076	0.38	2.70
4.	<i>Azadirachta indica</i> Meliaceae (neem; tooth brush)	0.108	0.72	1.28
5.	<i>Barleria prionitis</i> Acanthaceae (tooth powder)	0.10	0.35	0.49
6.	<i>Calotropis gigantea</i> Asclepiadaceae (tooth brush/powder)	0.048	0.43	0.43
7.	<i>Eleusine corocana</i> Poaceae (food grain)	0.52	0.17	0.29
8.	<i>Holarrhena antidysenterica</i> Apocynaceae (medicinal plant)	0.112	0.41	0.79
9.	<i>Mangifera indica</i> Anacardiaceae (mango; tooth brush)	0.132	0.21	0.72
10.	<i>Manihot esculenta</i> Euphorbiaceae (tapioca; food plant)	0.16	0.48	0.62

S. No.	Species, family and use	Water Extraction	Acid Extraction	Fusion with KOH
11.	<i>Moringa oleifera</i> Moringaceae (drum stick; tooth brush, vegetable)	0.092	0.24	0.39
12.	<i>Oryza sativa</i> Poaceae rice; food grain)	0.10	0.29	0.37
13.	<i>Piper betle</i> Piperaceae (betel leaf; tooth brush, masticatory)	0.048	0.33	0.35
14.	<i>Pongamia pinnata</i> Fabaceae (tooth brush)	0.064	0.31	0.81
15.	<i>Psidium guajava</i> Myrtaceae (guava; tooth brush, fruit)	0.152	0.46	0.77
16.	<i>Solanum tuberosum</i> Solanaceae (potato; vegetable)	0.15	0.30	0.30
17.	<i>Trigonella foenum-graecum</i> Fabaceae (fenugreek; vegetable, garnish)	0.17	0.29	0.39