

Table S2. Determination of the detection limit value (LOD) value for each element in ICP-MS analysis of *Usnea barbata* dried lichen

Analyte	Standard 1_1	Standard 1_2	Standard 1_3	Standard 1_4	Standard 1_5	Standard 1_6	Standard 1_7	Standard 1_8	Standard 1_9	Standard 1_10	STD DEV	SLOPE	LOD µg/L
Ag (cps)	3342.800	3210.700	3149.000	3219.100	3213.700	3260.400	3247.100	3122.000	3190.100	3189.400	58.085	3295.000	0.058
Al (cps)	92.300	103.700	98.700	100.700	106.700	116.300	110.300	123.300	121.700	111.300	9.544	11.000	2.863
As (cps)	47.000	46.700	41.000	51.700	58.000	41.300	51.000	56.700	49.000	50.000	5.335	51.000	0.345
Ba (cps)	1715.900	1703.600	1714.600	1759.300	1701.000	1681.300	1637.900	1684.300	1636.900	1706.900	34.840	1721.000	0.067
Ca (cps)	5.000	2.300	1.000	3.700	6.700	4.000	3.000	5.000	4.000	4.300	1.492	1.000	4.924
Cd (cps)	179.300	196.300	178.300	199.700	196.000	193.00	187.700	206.300	201.300	196.300	8.669	195.000	0.147
Co (cps)	1571.800	1584.400	1562.800	1629.100	1592.400	1598.400	1568.400	1619.800	1560.800	1524.100	29.126	1608.000	0.060
Cr (cps)	540.000	503.400	546.700	566.400	535.000	521.400	527.400	542.700	505.400	511.700	19.022	698.000	0.090
Cu (cps)	1387.100	1355.800	1369.100	1406.800	1389.400	1347.100	1349.100	1394.800	1377.800	1322.400	24.755	1441.000	0.057
Fe (cps)	398.011	372.677	409.679	372.677	395.678	376.677	385.344	393.345	385.011	384.678	11.308	11.000	3.392
Li (cps)	65.333	64.000	72.667	76.000	67.000	65.667	64.000	66.667	75.000	67.667	4.250	71.000	0.198

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Mg (cps)	2103.510	2020.830	2057.170	2054.500	2104.170	2009.490	2015.830	2037.500	2039.830	2042.500	31.343	41.000	2.523
Mn (cps)	9224.670	8887.450	9164.960	9228.340	9134.940	9179.970	9045.220	9135.610	9062.230	8981.180	104.231	180.000	1.911
Ni (cps)	417.346	410.345	426.679	422.346	416.012	409.345	448.014	443.680	403.678	425.679	13.677	469.000	0.096
Pb (cps)	5970.750	5854.020	5723.620	5918.390	5984.090	6013.111	5703.270	5877.700	5839.010	5754.300	104.641	6477.000	0.053
Tl (cps)	9691.380	9549.950	9587.310	9704.050	9632.000	9666.700	9451.220	9586.310	9554.620	9624.670	72.164	9633.000	0.025
V (cps)	473.675	475.342	493.342	482.675	500.009	474.342	508.343	451.341	493.342	480.342	15.410	492.000	0.103
Zn (cps)	3401.470	3273.770	3309.110	3282.770	3359.120	3317.780	3319.440	3333.450	3374.790	3332.110	37.506	62.000	1.996
Hg (cps)	85.667	84.667	84.000	74.334	80.000	75.334	71.000	77.667	75.667	84.334	4.923	82.000	0.198
Mo (cps)	1350.590	1333.850	1309.660	1375.560	1281.290	1305.990	1279.550	1267.250	1264.100	1248.250	39.149	1332.000	0.097
Pd (cps)	1954.96	1919.63	1848.710	1866.300	1884.660	1864.280	1880.810	1837.640	1835.130	1865.620	35.301	1819.000	0.064
Pt (cps)	3682.81	3614.79	3676.470	3685.140	3697.150	3708.150	3691.48	3626.800	3668.140	3633.46	30.525	3731.000	0.027
Sb (cps)	277.336	268.336	286.003	301.003	278.003	290.670	296.337	262.336	274.003	281.003	11.539	275.000	0.138