

## Trace and minor elements in Lichen

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | IAEA-336                          |
| Unit            | 20 g                              |
| Deliverydetails | No Dangerous Good /not restricted |

### Description

IAEA-085 represents hair with an elevated level of methylmercury (achieved by spiking the sample with methylmercury) whilst IAEA-336 is representative of the endogenous level for this analyte.

| Text/Information  | Analyte/Parameter | CAS number  | Concentration/Value | Unit  | Method | Source |
|-------------------|-------------------|-------------|---------------------|-------|--------|--------|
| Recommended value | Arsenic (As)      | [7440-38-2] | 0,63                | mg/kg |        |        |
| Recommended value | Barium (Ba)       | [7440-39-3] | 6,4                 | mg/kg |        |        |
| Recommended value | Bromine (Br)      | [7726-95-6] | 12,9                | mg/kg |        |        |
| Recommended value | Cerium (Ce)       | [7440-45-1] | 1,28                | mg/kg |        |        |
| Recommended value | Cobalt (Co)       | [7440-48-4] | 0,29                | mg/kg |        |        |
| Recommended value | Caesium (Cs)      | [7440-46-2] | 0,110               | mg/kg |        |        |
| Recommended value | Copper (Cu)       | [7440-50-8] | 3,6                 | mg/kg |        |        |
| Recommended value | Iron (Fe)         | [7439-89-6] | 430                 | mg/kg |        |        |
| Recommended value | Mercury (Hg)      | [7439-97-6] | 0,20                | mg/kg |        |        |
| Recommended value | Potassium (K)     | [7440-09-7] | 1840                | mg/kg |        |        |
| Recommended value | Lanthanum (La)    | [7439-91-0] | 0,66                | mg/kg |        |        |
| Recommended value | Manganese (Mn)    | [7439-96-5] | 63                  | mg/kg |        |        |
| Recommended value | Sodium (Na)       | [7440-23-5] | 320,                | mg/kg |        |        |
| Recommended value | Antimony (Sb)     | [7440-36-0] | 0,073               | mg/kg |        |        |
| Recommended value | Selenium (Se)     | [7782-49-2] | 0,22                | mg/kg |        |        |
| Recommended value | Samarium (Sm)     | [7440-19-9] | 0,106               | mg/kg |        |        |
| Recommended value | Strontium (Sr)    | [7440-24-6] | 9,3                 | mg/kg |        |        |
| Recommended value | Thorium (Th)      | [7440-29-1] | 0,14                | mg/kg |        |        |
| Recommended value | Zinc (Zn)         | [7440-66-6] | 30,4                | mg/kg |        |        |