**Table 1.** Strontium concentrations obtained from point

analysis of polished whitefish otolith cores. Male fish are

marked as 1 and female as 2. Age is determined from the

otolith ring structure.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Code | Age  | Sex | Gill rakers | Otolith core |
|   | [y]  |   |  | Sr [µg/g] |
| *Åland Islands, mixed sea population* |
| 200/4 | 4 | 1 | 27 | 3248 |
| 200/7 | 4 | 1 | 27 | 3307 |
| 200/8 | 3 | 2 | 27 | 815 |
| 201/1 | 5 | 1 | 27 | 2705 |
| 201/3 | 4 | 2 | 27 | 3514 |
| 207/92 | 3 | 2 | 30 | 689 |
| 207/102 | 4 | 2 | 30 | 2999 |
| 207/103 | 4 | 2 | 30 | 1186 |
| 207/106 | 4 | 1 | 30 | 3634 |
| 207/109 | 5 | 1 | 30 | 1383 |
| *Tornio River, spawning population* |   |
| 28VS13 | 7 | 2 | 32 | 2411 |
| 29VS13 | 6 | 2 | 29 | 2056 |
| 30VS13 | 6 | 1 | 31 | 3077 |
| 31 VS13 | 5 | 2 | 31 | 2133 |
| 32VS13 | 6 | 2 | 28 | 2433 |
| 33VS13 | 6 | 1 | 30 | 1525 |
| 34VS13 | 5 | 1 | 29 | 3650 |
| 35VS13 | 5 | 2 | 30 | 2418 |
| 36VS13 | 6 | 1 | 30 | 1900 |
| 47VS13 | 4 | 1 | 31 | 2432 |