Nisnite

Crystal Data: Cubic. *Point Group*: $4/m 3 2/m$. As blocky and square to rectangular tabular crystals to 100 μm, striated on {100} parallel elongation; as intricate, boxwork-like aggregates of crystals at 90° to one another.


Optical Class: n.d.

Cell Data: *Space Group*: $P4/m 3 2/m$. $a = 3.7349(6)$ $Z = 1$

X-Ray Diffraction Pattern: Jeffrey mine, Asbestos, Les Sources RCM, Estrie, Quebec, Canada. 2.155 (100), 1.867 (45), 3.728 (27), 1.320 (25), 2.639 (22), 1.127(22), 1.671(10)

Chemistry:

<table>
<thead>
<tr>
<th></th>
<th>(1)</th>
<th>(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ni</td>
<td>57.88</td>
<td>59.73</td>
</tr>
<tr>
<td>Sn</td>
<td>40.17</td>
<td>40.27</td>
</tr>
<tr>
<td>Total</td>
<td>98.05</td>
<td>100.00</td>
</tr>
</tbody>
</table>

(1) Jeffrey mine, Asbestos, Les Sources RCM, Estrie, Quebec, Canada; average electron microprobe analysis; corresponds to Ni$_{2.98}$Sn$_{1.02}$. (2) Ni$_3$Sn.

Occurrence: In a rodingite dike in an asbestos deposit.

Association: Chromite, diopside, grossular, heazlewoodite, shandite.

Distribution: From the Jeffrey mine, Asbestos, Les Sources RCM, Estrie (until recently, Shipton Township, Richmond County), Quebec, Canada.

Name: For the chemical symbols of the essential components nickel, Ni, and tin, Sn.
