**Crystal Data:** Orthorhombic. **Point Group:** 2/m 2/m 2/m or mm2. In short prisms, to 1 mm, forming blocky aggregates.

**Physical Properties:** **Cleavage:** Rectangular parting suspected. **Hardness:** 6.5

D(meas.) = 2.95  
D(calc.) = 2.95

**Optical Properties:** **Color:** White; in thin section, colorless. **Streak:** White. **Luster:** Vitreous. **Optical Class:** Biaxial (+). **Orientation:** X = c; Y = a; Z = b.  
\( \alpha = 1.563(2) \)  \( \beta = [1.564] \)  \( \gamma = 1.574(2) \)  
\( 2V(\text{meas.}) = 32^\circ \)

**Cell Data:** **Space Group:** Ibam or Iba2.  
\( a = 8.415(4) \)  \( b = 9.901(4) \)  \( c = 16.729(9) \)  
Z = 4

**X-ray Powder Pattern:** Rendai, Japan; very similar to banalsite.
3.204 (100), 3.502 (80), 2.881 (70), 3.183 (50), 2.067 (50), 3.765 (40), 3.069 (40)

**Chemistry:**

<table>
<thead>
<tr>
<th></th>
<th>(1)</th>
<th>(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO₂</td>
<td>39.09</td>
<td>38.87</td>
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<tr>
<td>Al₂O₃</td>
<td>32.70</td>
<td>32.30</td>
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<tr>
<td>CaO</td>
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<td>0.41</td>
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<tr>
<td>SrO</td>
<td>15.71</td>
<td>17.11</td>
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<tr>
<td>BaO</td>
<td>2.29</td>
<td>0.80</td>
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<tr>
<td>Na₂O</td>
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<td>10.12</td>
</tr>
<tr>
<td>Total</td>
<td>99.94</td>
<td>99.61</td>
</tr>
</tbody>
</table>

(1) Rendai, Japan; by electron microprobe, average of five analyses, original total given as 99.91%; corresponds to \( \text{Na}_{1.99} \text{[Sr}_{0.94} \text{Ba}_{0.09} \text{Ca}_{0.02}]_{\Sigma=1.05} \text{Al}_{3.95} \text{Si}_{4.01} \text{O}_{16} \).  
(2) Mt. Ohsa, Japan; by electron microprobe; corresponds to \( \text{Na}_{2.02} \text{[Sr}_{1.03} \text{Ca}_{0.05} \text{Ba}_{0.03}]_{\Sigma=1.11} \text{Al}_{3.92} \text{Si}_{4.00} \text{O}_{16} \).

**Mineral Group:** Feldspar group.

**Occurrence:** A secondary alteration mineral in veins cutting mafic metatuff xenoliths (Rendai, Japan); in veinlets and grains in jadeitic aggregates within serpentinite (Mt. Ohsa, Japan).

**Association:** Pectolite, slawsonite, albite, calcite, aragonite, natrolite, thomsonite, prehnite, datolite, rosenhahnite, vuagnatite.

**Distribution:** From a quarry near Rendai, Kochi City, Kochi Prefecture, and on Mt. Ohsa, Okayama Prefecture, Japan.

**Name:** For STRONtium and ALuminum in its composition.

**Type Material:** National Science Museum, Tokyo, Japan; National Museum of Natural History, Washington, D.C., USA, 160484.

**References:**  