Pyrope, NMNH 143968

<table>
<thead>
<tr>
<th>Element</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO$_2$</td>
<td>41.46</td>
</tr>
<tr>
<td>Al$_2$O$_3$</td>
<td>23.73</td>
</tr>
<tr>
<td>FeO</td>
<td>10.68</td>
</tr>
<tr>
<td>MgO</td>
<td>18.51</td>
</tr>
<tr>
<td>CaO</td>
<td>5.17</td>
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<tr>
<td>TiO$_2$</td>
<td>0.47</td>
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<tr>
<td>MnO</td>
<td>0.28</td>
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<tr>
<td>H$_2$O</td>
<td>&lt;0.01</td>
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<td>TOTAL</td>
<td>100.30</td>
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</tbody>
</table>

Analyst: E. Jarosewich (Jarosewich, 1972)
Source: Kakanui, New Zealand

Size fractions available:
0.840 mm - 0.590 mm
0.590 mm - 0.420 mm
0.420 mm - 0.297 mm
0.297 mm - 0.250 mm

References:
E. Jarosewich (1972) Chemical analysis of five minerals for microprobe standards. Smithsonian Contributions to the Earth Sciences 9, 83-84.