

表3. 富沢石（その1）のアパタイト微量元素. 元素のみ（左）と酸化物（右）それぞれの組成.

| No. | F | Cl | Mg | Mn | Fe | Ce | Y | P | Ca | Total | F | Cl | MgO | MnO | FeO | Ce2O3 | Y2O3 | P2O5 | CaO | Total |
|------|---------|---------|---------|--------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|--------|---------|--------|
| 1 | 1.408 | 0.387 | 0.073 | 0.060 | 0.215 | 0.101 | 0.250 | 18.305 | 36.946 | 57.745 | 1.772 | 0.388 | 0.132 | 0.079 | 0.283 | 0.118 | 0.335 | 44.212 | 52.685 | 99.17 |
| 2 | 1.691 | 0.361 | 0.034 | 0.073 | 0.200 | 0.055 | 0.259 | 18.245 | 36.928 | 57.846 | 2.125 | 0.362 | 0.062 | 0.096 | 0.264 | 0.064 | 0.347 | 44.053 | 52.654 | 99.05 |
| 3 | 1.383 | 0.328 | 0.080 | 0.062 | 0.217 | 0.085 | 0.238 | 18.366 | 36.713 | 57.472 | 1.743 | 0.329 | 0.145 | 0.082 | 0.286 | 0.1 | 0.32 | 44.368 | 52.353 | 98.918 |
| 4 | 1.735 | 0.369 | 0.039 | 0.077 | 0.206 | 0.066 | 0.239 | 18.258 | 36.714 | 57.703 | 2.182 | 0.37 | 0.07 | 0.101 | 0.271 | 0.077 | 0.321 | 44.085 | 52.346 | 98.821 |
| 5 | 1.423 | 0.359 | 0.068 | 0.071 | 0.237 | 0.043 | 0.113 | 18.202 | 36.644 | 57.160 | 1.791 | 0.36 | 0.123 | 0.093 | 0.312 | 0.05 | 0.152 | 43.965 | 52.253 | 98.264 |
| 6 | 1.335 | 0.361 | 0.077 | 0.088 | 0.235 | 0.102 | 0.351 | 18.302 | 36.662 | 57.513 | 1.683 | 0.361 | 0.14 | 0.116 | 0.31 | 0.12 | 0.471 | 44.214 | 52.281 | 98.906 |
| 7 | 1.408 | 0.341 | 0.073 | 0.064 | 0.223 | 0.138 | 0.190 | 18.378 | 36.858 | 57.673 | 1.774 | 0.341 | 0.132 | 0.084 | 0.293 | 0.161 | 0.255 | 44.388 | 52.562 | 99.166 |
| 8 | 1.448 | 0.334 | 0.067 | 0.061 | 0.219 | 0.052 | 0.148 | 18.253 | 36.729 | 57.311 | 1.822 | 0.334 | 0.121 | 0.08 | 0.288 | 0.061 | 0.199 | 44.088 | 52.374 | 98.525 |
| 9 | 1.433 | 0.363 | 0.085 | 0.075 | 0.221 | 0.049 | 0.260 | 18.250 | 36.817 | 57.553 | 1.803 | 0.363 | 0.154 | 0.099 | 0.291 | 0.057 | 0.348 | 44.081 | 52.5 | 98.855 |
| 10 | 1.325 | 0.341 | 0.056 | 0.069 | 0.225 | 0.029 | 0.208 | 18.306 | 36.810 | 57.369 | 1.668 | 0.342 | 0.102 | 0.091 | 0.296 | 0.033 | 0.279 | 44.231 | 52.491 | 98.754 |
| 11 | 1.428 | 0.329 | 0.069 | 0.086 | 0.223 | 0.065 | 0.213 | 18.274 | 36.732 | 57.419 | 1.798 | 0.329 | 0.126 | 0.113 | 0.294 | 0.076 | 0.286 | 44.141 | 52.381 | 98.713 |
| 12 | 1.440 | 0.341 | 0.066 | 0.092 | 0.229 | 0.127 | 0.207 | 18.238 | 36.574 | 57.314 | 1.813 | 0.342 | 0.119 | 0.121 | 0.301 | 0.148 | 0.278 | 44.046 | 52.157 | 98.485 |
| 13 | 1.403 | 0.345 | 0.083 | 0.071 | 0.207 | 0.068 | 0.238 | 18.302 | 36.714 | 57.431 | 1.767 | 0.345 | 0.15 | 0.094 | 0.273 | 0.08 | 0.32 | 44.21 | 52.352 | 98.769 |
| 14 | 1.433 | 0.340 | 0.082 | 0.063 | 0.208 | 0.039 | 0.184 | 18.160 | 36.749 | 57.258 | 1.803 | 0.34 | 0.149 | 0.083 | 0.273 | 0.046 | 0.246 | 43.861 | 52.405 | 98.37 |
| 15 | 1.410 | 0.345 | 0.059 | 0.076 | 0.209 | 0.073 | 0.175 | 18.015 | 36.753 | 57.115 | 1.773 | 0.345 | 0.106 | 0.1 | 0.275 | 0.085 | 0.234 | 43.504 | 52.415 | 98.012 |
| 16 | 1.613 | 0.347 | 0.068 | 0.067 | 0.201 | 0.091 | 0.196 | 18.265 | 36.697 | 57.545 | 2.03 | 0.348 | 0.123 | 0.088 | 0.265 | 0.106 | 0.263 | 44.104 | 52.325 | 98.718 |
| 17 | 1.487 | 0.347 | 0.082 | 0.072 | 0.229 | 0.079 | 0.163 | 18.252 | 36.693 | 57.404 | 1.872 | 0.348 | 0.149 | 0.094 | 0.301 | 0.092 | 0.219 | 44.079 | 52.322 | 98.609 |
| 18 | 1.455 | 0.353 | 0.064 | 0.069 | 0.229 | 0.134 | 0.198 | 18.145 | 36.760 | 57.407 | 1.831 | 0.353 | 0.116 | 0.09 | 0.301 | 0.157 | 0.265 | 43.813 | 52.425 | 98.5 |
| 19 | 1.340 | 0.347 | 0.093 | 0.092 | 0.232 | 0.088 | 0.297 | 18.207 | 36.663 | 57.359 | 1.687 | 0.347 | 0.169 | 0.12 | 0.306 | 0.103 | 0.399 | 43.978 | 52.285 | 98.606 |
| 20 | 1.561 | 0.344 | 0.066 | 0.061 | 0.204 | 0.094 | 0.154 | 18.316 | 36.752 | 57.552 | 1.965 | 0.345 | 0.12 | 0.08 | 0.269 | 0.11 | 0.207 | 44.23 | 52.405 | 98.826 |
| 平均 | 1.458 | 0.349 | 0.069 | 0.072 | 0.218 | 0.079 | 0.214 | 18.252 | 36.745 | | 1.835 | 0.350 | 0.125 | 0.095 | 0.288 | 0.092 | 0.287 | 44.083 | 52.399 | |
| 標準偏差 | 0.11074 | 0.01424 | 0.01456 | 0.0102 | 0.01165 | 0.03115 | 0.05491 | 0.08119 | 0.09115 | | 0.13848 | 0.01437 | 0.02648 | 0.01334 | 0.01526 | 0.03648 | 0.07365 | 0.1995 | 0.12964 | |