

| | MOSTMEG_1 | MOSTMEG_1 | MOSTMEG_1 | MOSTMEG_3 | MOSTMEG_1 | MOSTMEG_2 | MOSTMEG_1 | MOSTMEG_1 | MOSTMEG_1 | MOSTMEG_1 | MOSTMEG_3 | MOSTMEG_1 | MOSTMEG_2 | MOSTMEG_4 | MOSTMEG_1 | MOSTMEG_2 | MOSTMEG_3 | MOSTMEG_4 | MOSTMEG_5 | MOSTMEG_6 | MOSTMEG_7 | MOSTMEG_1 |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| WO3 | 0.326 | 0 | 0 | 0.173 | 0 | 0 | 0 | 0.112 | 0 | 0.04 | 0.356 | 0 | 0.169 | 0.171 | 0 | 0.027 | 0.337 | 0.031 | 0.399 | 0.449 | 0.368 | 0.116 |
| Ta2O5 | 0 | 0.009 | 4.868 | 3.68 | 0.111 | 0.003 | 0.106 | 0 | 0.004 | 1.507 | 0.83 | 0.082 | 0 | 0.094 | 0 | 0.148 | 0 | 0 | 0.001 | 0.034 | 0.11 | 1.409 |
| Sb2O5 | 0 | 0.02 | 0 | 0 | 0.016 | 0.005 | 0 | 0.018 | 0.017 | 0.016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nb2O5 | 0.078 | 0.326 | 5.384 | 5.403 | 0.178 | 0.193 | 1.474 | 0.295 | 0.69 | 1.811 | 1.283 | 0.391 | 0.554 | 0.43 | 0.213 | 0.218 | 0.226 | 0.294 | 0.161 | 0.23 | 0.312 | 4.014 |
| As2O5 | 0.002 | 0.007 | 0 | 0.018 | 0 | 0.017 | 0.009 | 0 | 0 | 0.003 | 0 | 0 | 0.018 | 0 | 0.012 | 0.013 | 0 | 0 | 0 | 0 | 0.03 | 0.007 |
| P2O5 | 0 | 0 | 0.028 | 0 | 0 | 0 | 0.037 | 0.013 | 0.026 | 0.043 | 0.012 | 0.029 | 0 | 0.006 | 0 | 0.002 | 0 | 0 | 0 | 0.003 | 0.006 | 0 |
| SnO2 | 0.04 | 0 | 0.79 | 0.883 | 0.03 | 0.059 | 0 | 0 | 0.054 | 0.016 | 0.025 | 0.005 | 0.031 | 0 | 0.543 | 0.795 | 0.854 | 0.707 | 0.836 | 0.749 | 0.832 | 0.949 |
| ZrO2 | 0.046 | 0.064 | 0 | 0 | 0.043 | 0.072 | 0.179 | 0.006 | 0.11 | 0 | 0.005 | 0 | 0.006 | 0.003 | 0 | 0 | 0 | 0.006 | 0 | 0.049 | 0.05 | 0.034 |
| MnO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0061 | 0 | 0 | 0 | 0.0037 | 0.0564 | 0 | 0.0466 | 0 | 0 | 0 | 0.0601 | 0.0625 | 0 |
| TiO2 | 98.481 | 100.494 | 86.606 | 88.678 | 97.154 | 98.788 | 97.627 | 99.424 | 98.722 | 95.451 | 97.295 | 99.931 | 99.843 | 94.331 | 99.065 | 98.995 | 98.595 | 99.393 | 98.605 | 98.159 | 98.762 | 90.815 |
| SiO2 | 0.026 | 0.128 | 0.008 | 0.002 | 1.292 | 0.383 | 0.494 | 0.571 | 1.372 | 0.547 | 0.358 | 0.239 | 0.223 | 0.725 | 0.011 | 0.04 | 0.006 | 0.003 | 0.021 | 0 | 0.003 | 0.031 |
| Ni2O3 | 0 | 0.0277 | 0 | 0.0077 | 0.0033 | 0 | 0 | 0.0454 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0089 | 0.0044 | 0 | 0.0066 | 0.0011 | 0 | 0 | 0 |
| Co2O3 | 0 | 0.0332 | 0 | 0.031 | 0 | 0 | 0 | 0 | 0.0066 | 0 | 0 | 0 | 0.0155 | 0.0066 | 0 | 0 | 0 | 0 | 0.0022 | 0 | 0.0044 | 0.0066 |
| Fe2O3 | 0.4512 | 0.6824 | 1.4667 | 0.9674 | 1.1791 | 0.6835 | 0.669 | 0.4112 | 0.6524 | 0.841 | 0.7358 | 0.3634 | 0.4012 | 2.4883 | 0.5168 | 0.4245 | 0.5757 | 0.4068 | 0.5646 | 0.5635 | 0.679 | 1.5981 |
| Cr2O3 | 0.052 | 0.008 | 0.036 | 0.063 | 0.089 | 0.055 | 0.012 | 0.005 | 0 | 0 | 0.001 | 0.012 | 0 | 0 | 0.05 | 0.033 | 0.044 | 0.016 | 0 | 0.018 | 0.023 | 0.023 |
| Al2O3 | 0.019 | 0.017 | 0.177 | 0.189 | 0.671 | 0.311 | 0.329 | 0.161 | 0.042 | 0.103 | 0.106 | 0.055 | 0.039 | 0.112 | 0.021 | 0.022 | 0.052 | 0.019 | 0.058 | 0.026 | 0.054 | 0.107 |
| PbO | 0.03 | 0.074 | 0 | 0.023 | 0.009 | 0 | 0.037 | 0 | 0 | 0.065 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.018 | 0.032 | 0.059 |
| BaO | 0.131 | 0.044 | 0.019 | 0.072 | 0.105 | 0 | 0.087 | 0.133 | 0.104 | 0.06 | 0.076 | 0.052 | 0 | 0.06 | 0.06 | 0.122 | 0.03 | 0.054 | 0.134 | 0.005 | 0.033 | 0.089 |
| ZnO | 0.051 | 0 | 0.115 | 0 | 0.051 | 0.046 | 0 | 0 | 0.009 | 0.062 | 0.046 | 0 | 0.031 | 0.044 | 0.057 | 0 | 0.055 | 0.004 | 0 | 0 | 0 | 0 |
| CuO | 0 | 0 | 0 | 0.007 | 0 | 0 | 0.059 | 0 | 0.029 | 0 | 0.01 | 0 | 0 | 0.007 | 0.028 | 0.033 | 0 | 0 | 0.036 | 0.004 | 0 | 0 |
| NiO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CoO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FeO | 0 | 0 | 1.4592 | 1.4955 | 0 | 0 | 0 | 0 | 0 | 0.3013 | 0.1919 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.525 |
| MnO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CaO | 0.058 | 0.018 | 0 | 0.023 | 0.163 | 0.026 | 0.08 | 0.108 | 0.023 | 0.05 | 0.019 | 0.033 | 0.025 | 0.055 | 0 | 0.025 | 0.011 | 0.01 | 0.02 | 0.016 | 0.036 | 0.019 |
| MgO | 0.001 | 0 | 0 | 0.002 | 0.582 | 0.617 | 0.088 | 0.064 | 0.002 | 0.001 | 0 | 0 | 0 | 0 | 0 | 0.012 | 0.004 | 0.017 | 0.014 | 0 | 0.011 | 0.003 |
| K2O | 0.028 | 0.024 | 0.034 | 0.041 | 0.076 | 0.047 | 0.183 | 0.051 | 0.021 | 0.066 | 0.048 | 0.007 | 0.023 | 0.058 | 0 | 0.009 | 0.045 | 0.018 | 0 | 0.032 | 0.012 | 0.039 |
| Na2O | 0 | 0.008 | 0.018 | 0 | 0 | 0.001 | 0.005 | 0.02 | 0 | 0.017 | 0.005 | 0.019 | 0 | 0 | 0 | 0.01 | 0.004 | 0.002 | 0.005 | 0.002 | 0.01 | 0.015 |
| Total | 99.8202 | 101.9842 | 101.009 | 101.7587 | 101.7525 | 101.3065 | 101.475 | 101.4376 | 101.8901 | 101.0003 | 101.4027 | 101.2184 | 101.3824 | 98.6473 | 100.5856 | 100.9795 | 100.8387 | 100.9874 | 100.8579 | 100.4175 | 101.43 | 99.8588 |

| | MOSTMEC= | | | | | | MOSTMEC= | | | | | | MOSTMEC= | | | | | | MOSTMEC= | | | | | |
|-------|----------|---------|----------|----------|----------|---------|----------|----------|---------|----------|---------|----------|----------|---------|---------|---------|---------|----------|----------|---------|--------|---------|--|--|
| | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 1 | | |
| WO3 | 0 | 0.108 | 0 | 0.063 | 0.382 | 0 | 0 | 0.377 | 0.09 | 0 | 0.435 | 0 | 0 | 0 | 0.269 | 0.215 | 0.139 | 0.045 | 0 | 0 | 0.149 | 0.103 | | |
| Ta2O5 | 0.268 | 0.184 | 0.157 | 0 | 0 | 0.046 | 0.346 | 0.081 | 0.331 | 0.104 | 0.191 | 0.178 | 0.036 | 0.071 | 0 | 0 | 0.092 | 0.136 | 0.23 | 0 | 0.009 | 0.325 | | |
| Sb2O5 | 0 | 0.002 | 0 | 0 | 0 | 0.001 | 0.012 | 0 | 0.007 | 0.002 | 0 | 0.009 | 0.017 | 0.034 | 0.01 | 0 | 0 | 0.012 | 0 | 0.006 | 0 | 0 | | |
| Nb2O5 | 0.486 | 0.497 | 0.15 | 0.204 | 0.122 | 0.282 | 0.295 | 0.438 | 3.062 | 1.035 | 0.634 | 0.416 | 0.32 | 0.294 | 0.365 | 0.35 | 0.188 | 0.265 | 0.259 | 0.287 | 0.245 | 0.667 | | |
| As2O5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.011 | 0 | 0 | 0 | 0 | 0 | 0 | 0.012 | 0.025 | 0 | 0.011 | 0 | 0 | 0 | 0.018 | | |
| P2O5 | 0 | 0 | 0 | 0.031 | 0.007 | 0.005 | 0 | 0.012 | 0 | 0.016 | 0.079 | 0.029 | 0 | 0.017 | 0 | 0.008 | 0.024 | 0 | 0 | 0 | 0.014 | 0 | | |
| SnO2 | 1.249 | 1.04 | 1.265 | 1.237 | 1.27 | 1.289 | 0.287 | 1.125 | 0.136 | 0.185 | 0.016 | 0.007 | 0.027 | 0 | 0.003 | 0.019 | 0.02 | 0 | 0.065 | 0.021 | 0 | 0.027 | | |
| ZrO2 | 0.017 | 0 | 0.028 | 0.075 | 0.007 | 0 | 0 | 0.043 | 0 | 0.009 | 0 | 0.04 | 0 | 0 | 0.043 | 0.069 | 0.001 | 0 | 0 | 0.018 | 0.012 | 0.001 | | |
| MnO2 | 0 | 0 | 0 | 0 | 0.0086 | 0.0368 | 0 | 0.0061 | 0.0049 | 0.0049 | 0.0159 | 0 | 0.1213 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| TiO2 | 96.189 | 96.438 | 97.72 | 97.806 | 97.428 | 97.436 | 98.708 | 97.687 | 94.009 | 96.741 | 96.389 | 99.854 | 96.634 | 98.011 | 99.773 | 99.905 | 100.195 | 100.377 | 98.054 | 98.161 | 98.159 | 97.447 | | |
| SiO2 | 0.024 | 0.034 | 0.046 | 0.01 | 0.03 | 0.014 | 0.043 | 0.001 | 0.041 | 0.219 | 0.195 | 0.01 | 0.652 | 0.05 | 0.007 | 0.014 | 0.02 | 0 | 0.056 | 0.064 | 0.006 | 0.074 | | |
| Ni2O3 | 0.0255 | 0.0255 | 0 | 0.0232 | 0 | 0.0321 | 0 | 0.0321 | 0 | 0 | 0 | 0.0226 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0044 | 0 | 0 | 0.0166 | | |
| Co2O3 | 0 | 0.0055 | 0 | 0 | 0.0066 | 0 | 0.0066 | 0.0708 | 0.0199 | 0.0432 | 0.0376 | 0 | 0.0332 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0277 | 0 | 0 | | |
| Fe2O3 | 0.5401 | 0.5857 | 0.4479 | 0.4723 | 0.4412 | 0.5434 | 0.5334 | 0.7313 | 2.0415 | 1.8071 | 1.7393 | 0 | 0.4512 | 0.1523 | 0 | 0 | 0 | 0.1855 | 0.0893 | 0.0917 | 0 | 0.9335 | | |
| Cr2O3 | 0.016 | 0.013 | 0.016 | 0.001 | 0.002 | 0.019 | 0.013 | 0.026 | 0 | 0.017 | 0.01 | 0 | 0 | 0.001 | 0.003 | 0.017 | 0.021 | 0.019 | 0 | 0 | 0 | 0.016 | | |
| Al2O3 | 0.037 | 0.03 | 0.036 | 0.032 | 0.043 | 0.038 | 0.036 | 0.041 | 0.042 | 0.074 | 0.063 | 0.001 | 0.265 | 0.418 | 0 | 0 | 0 | 0 | 0.007 | 0 | 0 | 0.042 | | |
| PbO | 0.038 | 0 | 0 | 0.037 | 0 | 0.011 | 0 | 0 | 0.017 | 0.064 | 0 | 0.001 | 0.029 | 0 | 0 | 0 | 0 | 0 | 0.055 | 0 | 0 | 0.06 | | |
| BaO | 0.024 | 0.139 | 0.038 | 0.061 | 0.114 | 0.113 | 0.102 | 0.061 | 0.01 | 0.165 | 0.085 | 0.165 | 0.072 | 0.065 | 0.112 | 0.069 | 0.026 | 0.073 | 0.111 | 0.138 | 0.048 | 0 | | |
| ZnO | 0.065 | 0 | 0.061 | 0 | 0.111 | 0.043 | 0 | 0.039 | 0.01 | 0.037 | 0.009 | 0 | 0 | 0.022 | 0.051 | 0 | 0.045 | 0 | 0.073 | 0.078 | 0 | 0 | | |
| CuO | 0 | 0 | 0.024 | 0 | 0 | 0 | 0.003 | 0.015 | 0 | 0 | 0 | 0 | 0 | 0.017 | 0.012 | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NiO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0256 | 0 | 0 | 0.001 | 0.05 | 0 | 0 | 0 | 0 | 0.02 | 0 | | |
| CoO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.011 | 0 | 0 | 0 | 0 | 0.002 | 0 | 0 | 0 | 0 | 0 | | |
| FeO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.107 | 0 | 0 | 0.129 | 0.102 | 0.072 | 0.0001 | 0.0427 | 0.0115 | 0.052 | 0 | | |
| MnO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.005 | 0 | 0 | 0 | 0 | 0 | 0.021 | 0 | 0.014 | 0.009 | 0 | | |
| CaO | 0.015 | 0.041 | 0.036 | 0 | 0.031 | 0.011 | 0.055 | 0 | 0.045 | 0.033 | 0.027 | 0.038 | 0.136 | 0.057 | 0.002 | 0.006 | 0.026 | 0.012 | 0.115 | 0.116 | 0.038 | 0.106 | | |
| MgO | 0 | 0.007 | 0.008 | 0 | 0.002 | 0.011 | 0 | 0.001 | 0 | 0 | 0.017 | 0 | 0.01 | 0.033 | 0 | 0 | 0 | 0 | 0 | 0 | 0.004 | 0.006 | | |
| K2O | 0.002 | 0.012 | 0.003 | 0.007 | 0.002 | 0.013 | 0.014 | 0.024 | 0.018 | 0.015 | 0.035 | 0.002 | 0.011 | 0.001 | 0 | 0.004 | 0.009 | 0.023 | 0.015 | 0.012 | 0.012 | 0.054 | | |
| Na2O | 0 | 0.005 | 0.025 | 0.021 | 0.016 | 0.005 | 0 | 0.025 | 0 | 0.003 | 0.019 | 0 | 0.019 | 0 | 0 | 0.001 | 0 | 0.022 | 0.003 | 0.001 | 0.016 | 0.008 | | |
| Total | 98.9956 | 99.1667 | 100.0609 | 100.0806 | 100.0234 | 99.9493 | 100.4541 | 100.8473 | 99.8844 | 100.5741 | 99.9968 | 100.9212 | 98.8337 | 99.2433 | 100.792 | 100.858 | 100.88 | 101.2016 | 99.1794 | 99.0469 | 98.793 | 99.9041 | | |

| | = | = |
|-------|----------|----------|
| | 2 | 3 |
| WO3 | 0.215 | 0.782 |
| Ta2O5 | 0.085 | 0.168 |
| Sb2O5 | 0.008 | 0 |
| Nb2O5 | 0.636 | 0.436 |
| As2O5 | 0 | 0 |
| P2O5 | 0.02 | 0.085 |
| SnO2 | 0.083 | 0.054 |
| ZrO2 | 0 | 0 |
| MnO2 | 0 | 0.0172 |
| TiO2 | 97.82 | 96.102 |
| SiO2 | 0.109 | 0.166 |
| Ni2O3 | 0.0421 | 0.0221 |
| Co2O3 | 0.0675 | 0 |
| Fe2O3 | 0.978 | 1.8782 |
| Cr2O3 | 0.019 | 0.02 |
| Al2O3 | 0 | 0.041 |
| PbO | 0 | 0 |
| BaO | 0.068 | 0.221 |
| ZnO | 0 | 0 |
| CuO | 0.01 | 0 |
| NiO | 0 | 0 |
| CoO | 0 | 0 |
| FeO | 0 | 0 |
| MnO | 0 | 0 |
| CaO | 0.113 | 0.234 |
| MgO | 0.005 | 0.009 |
| K2O | 0.045 | 0.015 |
| Na2O | 0 | 0.023 |
| Total | 100.3236 | 100.2735 |