

Analysis Batch: PT290904

Calcite assumed to be Ca(CO3)

| Assumed mineral | Sample | 7 Li | 24 Mg | 44 Ca | 55 Mn | 57 Fe | 88 Sr | 89 Y | 138 Ba | 139 La | 140 Ce | 141 Pr | 146 Nd | 147 Sm | 151 Eu | 157 Gd | 162 Dy | 166 Er | 174 Yb | 175 Lu | 232 Th | 238 U |
|-----------------|--------------|---------|----------|----------|----------|----------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| Calcite | MPLK559R2A-1 | 118 | 261 | 400000 | 8912 | 3058 | 118 | 57 | 2.2 | 28 | 39 | 5.6 | 25 | 7.9 | 3.2 | 10 | 10 | 2.5 | 1.4 | 0.13 | 0.09 | 0.08 |
| Calcite | MPLK559R2A-2 | 85 | 242 | 400000 | 8456 | 2656 | 129 | 61 | 2.1 | 31 | 51 | 5.8 | 33 | 5.0 | 4.5 | 20 | 11 | 2.8 | 2.6 | 0.11 | 0.04 | 0.16 |
| Calcite | MPLK559R2A-3 | 118 | 228 | 400000 | 8746 | 2620 | 144 | 69 | 1.0 | 35 | 53 | 6.9 | 34 | 13 | 5.0 | 20 | 6.7 | 3.9 | 3.3 | 0.12 | 0.09 | 0.08 |
| Calcite | MPLK559R2A-4 | 103 | 257 | 400000 | 8338 | 2393 | 143 | 63 | 2.2 | 27 | 53 | 5.6 | 28 | 4.1 | 4.8 | 12 | 14 | 5.9 | 2.0 | 0.42 | 0.04 | 0.05 |
| Calcite | MPLK559R2A-5 | 98 | 269 | 400000 | 8314 | 2313 | 143 | 72 | 1.6 | 33 | 53 | 6.2 | 30 | 7.0 | 4.9 | 15 | 14 | 6.0 | 1.8 | 0.13 | 0.12 | 0.05 |
| Calcite | MPLK559R2A-6 | 79 | 264 | 400000 | 8372 | 2320 | 135 | 63 | 1.5 | 45 | 74 | 7.7 | 38 | 17 | 6.4 | 18 | 14 | 5.5 | 3.1 | 0.38 | 0.04 | 0.15 |
| Calcite | MPLK559R3A-1 | 96 | 409 | 400000 | 8929 | 1604 | 82 | 55 | 25 | 116 | 215 | 37 | 87 | 14 | 6.0 | 9.3 | 5.8 | 0.81 | 0.91 | 0.37 | 0.37 | 0.36 |
| Calcite | MPLK559R3A-2 | 37 | 240 | 400000 | 8632 | 2125 | 93 | 40 | 1.4 | 140 | 205 | 22 | 90 | 21 | 4.5 | 14 | 8.6 | 2.0 | 1.7 | 0.24 | 0.05 | 0.05 |
| Calcite | MPLK559R3A-3 | 29 | 226 | 400000 | 8160 | 2243 | 86 | 39 | 0.66 | 145 | 211 | 23 | 96 | 18 | 3.8 | 18 | 7.9 | 3.4 | 1.3 | 0.08 | 0.05 | 0.05 |
| Calcite | MPLK559R3A-4 | 11 | 184 | 400000 | 6686 | 1572 | 104 | 61 | 1.1 | 100 | 163 | 21 | 95 | 19 | 5.5 | 25 | 15 | 4.8 | 1.3 | 0.15 | 0.05 | 0.05 |
| Calcite | MPLK559R3A-5 | 24 | 178 | 400000 | 7146 | 1867 | 120 | 68 | 1.4 | 93 | 156 | 17 | 80 | 24 | 8.2 | 26 | 16 | 5.6 | 4.3 | 0.08 | 0.04 | 0.05 |
| Calcite | MPLK559R3A-6 | 39 | 212 | 400000 | 7681 | 2190 | 110 | 76 | 0.68 | 84 | 141 | 17 | 82 | 31 | 9.3 | 30 | 15 | 4.5 | 2.7 | 0.06 | 0.06 | 0.06 |