

Analysis Batch: PT070704

Calcite assumed to be Ca(CO3)

| Assumed mineral | Analysis | 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 | MPLJ558R4-1 | 5 | 525 | 400000 | 150 | 1035 | 56 | 0.27 | 0.17 | 4.5 | 2.2 | 0.22 | 0.10 | 0.19 | 0.06 | 0.09 | 0.12 | 0.04 | 0.06 | 0.01 | 0.02 | 0.03 |
| Calcite | MPLJ558R4-2 | 16 | 420 | 400000 | 157 | 888 | 36 | 0.07 | 0.25 | 0.91 | 0.38 | 0.03 | 0.14 | 0.19 | 0.09 | 0.13 | 0.17 | 0.20 | 0.06 | 0.18 | 0.03 | 0.03 |
| Calcite | MPLJ558R4-3 | 34 | 4327 | 400000 | 1214 | 5985 | 70 | 1.1 | 0.50 | 4.1 | 3.1 | 0.54 | 0.32 | 0.34 | 0.18 | 0.08 | 0.12 | 0.26 | 0.09 | 0.07 | 0.02 | 0.30 |
| Calcite | MPLJ558R4-4 | 14 | 875 | 400000 | 1583 | 1203 | 57 | 3.4 | 0.36 | 0.81 | 0.78 | 0.08 | 1.1 | 0.60 | 0.04 | 0.26 | 0.31 | 0.21 | 0.26 | 0.20 | 0.02 | 0.01 |
| Calcite | MPLJ558R4-5 | 4 | 449 | 400000 | 2828 | 969 | 50 | 1.6 | 0.13 | 1.0 | 1.1 | 0.18 | 0.26 | 0.11 | 0.04 | 0.36 | 0.07 | 0.13 | 0.10 | 0.05 | 0.01 | 0.03 |
| Calcite | MPLJ558R4-6 | 32 | 1947 | 400000 | 2693 | 2231 | 73 | 5.7 | 1.1 | 6.4 | 10 | 1.1 | 6.3 | 1.3 | 0.05 | 1.6 | 0.43 | 0.36 | 0.43 | 0.11 | 0.02 | 0.02 |
| Calcite | MPLJ558R4-7 | 23 | 1144 | 400000 | 1449 | 1543 | 103 | 7.1 | 1.0 | 16 | 25 | 3.0 | 14 | 1.8 | 0.11 | 2.1 | 0.66 | 0.46 | 0.71 | 0.12 | 0.02 | 0.01 |
| Calcite | MPLJ558R5-1 | 15 | 561 | 400000 | 672 | 1399 | 48 | 0.16 | 3.3 | 195 | 120 | 4.7 | 7.4 | 0.67 | 0.07 | 0.45 | 0.13 | 0.11 | 0.03 | 0.02 | 0.04 | 0.02 |
| Calcite | MPLJ558R5-2 | 3 | 14 | 400000 | 482 | 342 | 45 | 0.09 | 0.64 | 78 | 40 | 1.9 | 3.0 | 0.29 | 0.04 | 0.05 | 0.03 | 0.09 | 0.02 | 0.01 | 0.01 | 0.01 |
| Calcite | MPLJ558R5-3 | 2 | 13 | 400000 | 211 | 321 | 43 | 0.32 | 0.75 | 143 | 73 | 2.9 | 5.7 | 0.18 | 0.03 | 0.56 | 0.20 | 0.08 | 0.04 | 0.01 | 0.03 | 0.01 |
| Calcite | MPLJ558R5-4 | 3 | 2062 | 400000 | 231 | 2507 | 27 | 0.37 | 0.57 | 34 | 17 | 0.86 | 2.0 | 0.14 | 0.04 | 0.28 | 0.21 | 0.05 | 0.06 | 0.03 | 0.07 | 0.06 |
| Calcite | MPLJ558R5-5 | 3 | 17 | 400000 | 66 | 380 | 25 | 0.13 | 0.12 | 1.7 | 1.3 | 0.07 | 0.18 | 0.10 | 0.09 | 0.05 | 0.15 | 0.07 | 0.05 | 0.01 | 0.03 | 0.01 |
| Calcite | MPLJ558R5-6 | 14 | 11 | 400000 | 54 | 296 | 24 | 0.19 | 0.12 | 0.82 | 0.40 | 0.08 | 0.07 | 0.10 | 0.04 | 0.45 | 0.17 | 0.03 | 0.02 | 0.01 | 0.08 | 0.01 |
| Calcite | MPLJ558R5-7 | 18 | 3 | 400000 | 47 | 412 | 28 | 0.78 | 0.24 | 0.64 | 1.2 | 0.05 | 0.20 | 0.27 | 0.03 | 0.12 | 0.09 | 0.02 | 0.01 | 0.01 | 0.04 | 0.03 |