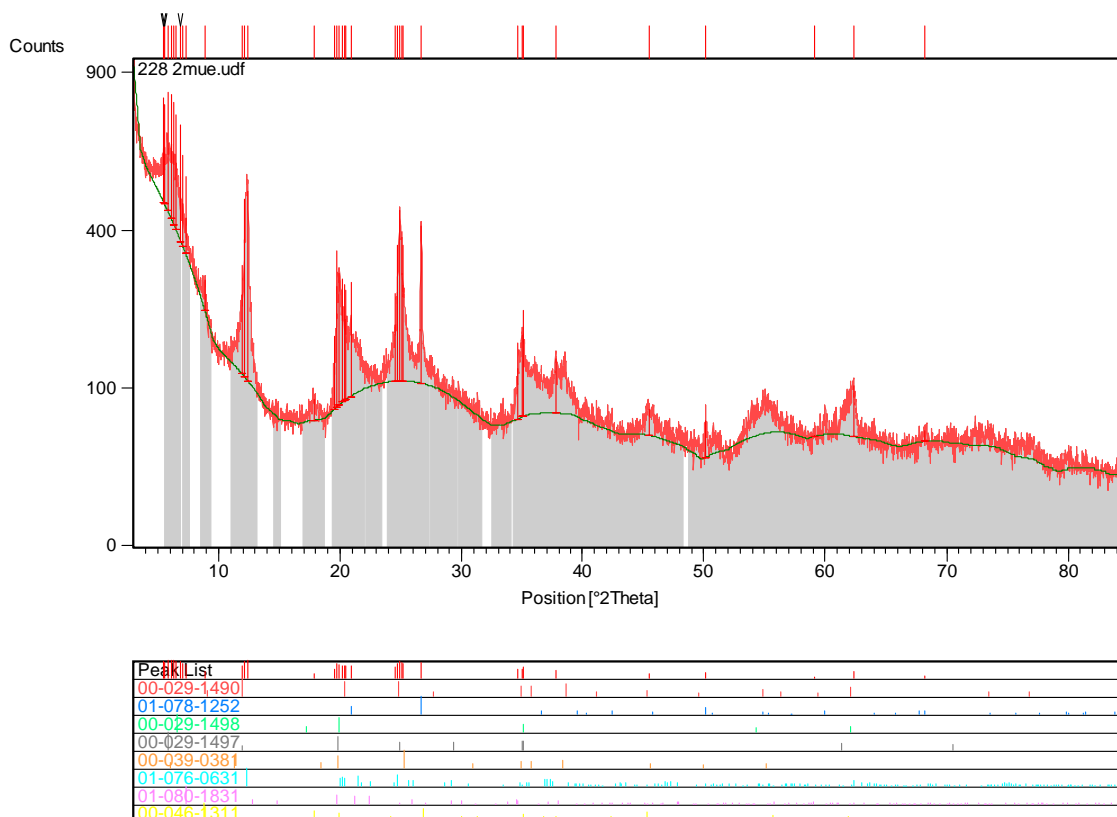


This is the simple example template containing only headers for each report item and the bookmarks.

Modify it according to your own needs and standards.

### **Measurement Conditions:** (Bookmark 1)



### **Main Graphics, Analyze View:** (Bookmark 2)

### **Recognized Minerals:** (Bookmark 3)

| Quality | Score | SemiQuant [%] | Compound Name             | Chemical Formula   | Scale Factor | Ref. Code   | Displacement [°2Th.] | RIR   |
|---------|-------|---------------|---------------------------|--|--------------|-------------|----------------------|-------|
| "B";UE  | 51    | 15            | Kaolinite-montmorillonite | Na <sub>0.3</sub> Al <sub>4</sub> Si <sub>6</sub> O <sub>15</sub> (OH) <sub>6</sub> · 4 H <sub>2</sub> O | 0.454        | 00-029-1490 | -0.230               | 0.400 |
| "C"     | 45    | 3             | Quartz α-syn              | SiO <sub>2</sub>   | 0.864        | 01-078-1252 | 0.062                | 3.230 |
| "O";UE  | 44    | 17            | Montmorillonite           | Na <sub>0.3</sub> (  | 0.516        | 00-029-     | 0.050                | 0.400 |

|        |    |    |                                      |   |       |             |        |       |  |
|--------|----|----|--------------------------------------|---|-------|-------------|--------|-------|--|
|        |    |    | llonite-15A                          | Al , Mg<br>2 Si4<br>O10 ( O<br>H )2 !4<br>H2 O              |       | 1498        |        |       |  |
| "S";UE | 45 | 21 | Nontronite-15A                       | Na0.3 Fe2<br>Si4 O10 ( O<br>H )2 !4<br>H2 O                 | 0.641 | 00-029-1497 | 0.045  | 0.400 |  |
| "B";UE | 37 | 13 | Chlorite-vermiculite-montmorillonite | Na0.5 Al6<br>( Si , Al<br>)8 O20 ( O<br>H )10 !<br>H2 O     | 0.404 | 00-039-0381 | -0.149 | 0.400 |  |
| "C"    | 31 | 9  | Nacrite                              | Al2 Si2<br>O5 ( O H<br>)4                                   | 0.958 | 01-076-0631 | -0.005 | 1.440 |  |
| "C"    | 21 | 1  | Zeolite                              | Si O2.267   | 0.316 | 01-080-1831 | -0.146 | 5.180 |  |
| "B";UE | 39 | 8  | Muscovite-2\ITM\RG, ammonia n        | ( K , N<br>H4 , Na )<br>Al2 ( Si ,<br>Al )4 O10<br>( O H )2 | 0.252 | 00-046-1311 | 0.139  | 0.400 |  |
| "B";UE | 46 | 14 | Kaolinite-1\ITMd\RG                  | Al2 Si2<br>O5 ( O H<br>)4                                   | 0.669 | 00-029-1488 | -0.186 | 0.600 |  |

**Candidate List:** (Bookmark 4)

| Score | RIR    | Compound Name           | Scale Factor | Chemical Formula                     | Total Lines | Matched Lines | New Matched Lines | Strong Unmatched Lines | Displacement [°2Th.] | Ref. Code   |
|-------|--------|-------------------------|--------------|--------------------------------------|-------------|---------------|-------------------|------------------------|----------------------|-------------|
| 44    | 17.830 | Labradorite             | 0.320        | Na.5<br>Ca.5<br>Al1.5<br>Si2.5<br>O8 | 142         | 69            | 4                 | 0                      | -0.078               | 01-078-0432 |
| 35    | 25.890 | Labradorite             | 0.321        | Na.5<br>Ca.5<br>Al1.5<br>Si2.5<br>O8 | 145         | 73            | 5                 | 0                      | -0.059               | 01-078-0433 |
| 30    | 12.840 | Microcline intermediate | 0.320        | K2<br>Al3.60<br>Si4.40<br>O16        | 138         | 71            | 7                 | 0                      | 0.071                | 01-071-0955 |

|    |        |  |       |  |     |    |   |   |        |                     |
|----|--------|--|-------|--|-----|----|---|---|--------|---------------------|
|    |        | spence<br>r U  |       |  |     |    |   |   |        |                     |
| 22 | 0.700  | Nontro<br>nite<br>(Stilpn<br>ochloran)   | 0.320 | Na0.3<br>Fe2<br>Si4<br>O10 ( O H )2<br>!4 H2<br>O                        | 16  | 8  | 1 | 0 | 0.272  | 00-<br>002-<br>0031 |
| 20 | 5.890  | Ashcro<br>ftine  | 0.202 | K10<br>Na10<br>Y24 ( O H )4<br>( C O3 )16 ( Si56<br>O140 )<br>( H2 O )16 | 141 | 69 | 3 | 0 | 0.012  | 01-<br>086-<br>1693 |
| 18 | 0.000  | Kankit<br>e  | 0.405 | Fe As<br>O4<br>!3.5<br>H2 O  | 51  | 30 | 2 | 0 | -0.018 | 00-<br>029-<br>0694 |
| 12 | 0.000  | Schoep<br>ite, syn   | 0.144 | U O3<br>!2 H2<br>O   | 22  | 13 | 2 | 0 | -0.159 | 00-<br>029-<br>1376 |
| 11 | 15.310 | Faujasi<br>te<br>nickel<br>m-<br>dichlor<br>benzen<br>e -<br>from<br>natural<br>sample | 2.798 | Ni28.9<br>Si133<br>Al59<br>O384 ( H2 O )24                               | 124 | 46 | 1 | 0 | 0.072  | 01-<br>085-<br>1352 |
| 11 | 0.000  | Meta-<br>alumin<br>ite   | 0.117 | Al2 S<br>O4 ( O<br>H )4 !5<br>H2 O                                       | 24  | 15 | 1 | 1 | -0.046 | 00-<br>020-<br>0060 |
| 10 | 3.180  | Morde<br>nite  | 0.260 | Ca0.41<br>Al0.98<br>Si5.03<br>O12 ( H2 O )0.465                          | 145 | 75 | 6 | 1 | -0.367 | 01-<br>078-<br>1767 |

**Peak List:** (Bookmark 5)

| d-spacing<br>g [Å] | Pos.<br>[°2Th.] | Height<br>[cts] | FWHM<br>M<br>[°2Th.] | Rel.<br>Int.<br>[%] | Tip<br>width<br>[°2Th.] | Match<br>ed by                              | Height<br>[cps] | Area<br>[cps*°<br>2Th.] | Area<br>[cts*°2<br>Th.] | Match<br>ed |
|--------------------|-----------------|-----------------|----------------------|---------------------|-------------------------|---|-----------------|-------------------------|-------------------------|-------------|
| 16.144<br>77       | 5.4740          | 331.22          | 0.5909               | 83.46               | 0.4924                  |   | 3.32            | 1.31                    | 130.47                  | No          |
| 16.018<br>69       | 5.5171          | 309.49          | 0.3642               | 77.99               | 0.3035                  |   | 3.10            | 0.75                    | 75.14                   | No          |
| 15.217<br>47       | 5.8078          | 376.80          | 0.6761               | 94.95               | 0.5634                  | 00-<br>029-<br>1497;<br>00-<br>039-<br>0381 | 3.78            | 1.70                    | 169.83                  | Yes         |
| 14.532<br>32       | 6.0819          | 385.53          | 0.4504               | 97.15               | 0.3753                  | 00-<br>029-<br>1497;<br>00-<br>039-<br>0381 | 3.87            | 1.16                    | 115.76                  | Yes         |
| 13.976<br>55       | 6.3240          | 376.46          | 1.3703               | 94.86               | 1.1419                  | 00-<br>029-<br>1498;<br>00-<br>039-<br>0381 | 3.78            | 3.45                    | 343.90                  | Yes         |
| 13.635<br>77       | 6.4822          | 343.82          | 0.1264               | 86.64               | 0.1054                  | 00-<br>029-<br>1498                         | 3.45            | 0.29                    | 28.98                   | Yes         |
| 12.843<br>42       | 6.8826          | 338.02          | 0.1835               | 85.18               | 0.1529                  |   | 3.39            | 0.41                    | 41.35                   | No          |
| 12.560<br>17       | 7.0380          | 251.72          | 0.0200               | 63.43               | 0.0167                  | 01-<br>080-<br>1831                         | 2.52            | 0.03                    | 3.36                    | Yes         |
| 12.144<br>42       | 7.2793          | 205.61          | 0.4636               | 51.81               | 0.3863                  | 01-<br>080-<br>1831                         | 2.06            | 0.64                    | 63.55                   | Yes         |
| 9.9523<br>8        | 8.8855          | 62.58           | 0.1004               | 15.77               | 0.1020                  | 00-<br>029-<br>1490;<br>00-<br>046-<br>1311 | 0.63            | 0.06                    | 6.20                    | Yes         |
| 7.4137<br>7        | 11.937<br>6     | 196.46          | 0.5466               | 49.51               | 0.4555                  | 00-<br>029-<br>1490;<br>00-<br>029-<br>1497 | 1.97            | 0.72                    | 71.59                   | Yes         |
| 7.2697<br>3        | 12.175<br>0     | 369.69          | 0.3811               | 93.16               | 0.3176                  | 00-<br>029-                                 | 3.71            | 0.94                    | 93.94                   | Yes         |

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|             |             |        |        |        |        |   |      |      |       |     |
|-------------|-------------|--------|--------|--------|--------|---|------|------|-------|-----|
|             |             |        |        |        |        | 1490;<br>00-<br>029-<br>1497;<br>01-<br>076-<br>0631;<br>00-<br>029-<br>1488  |      |      |       |     |
| 7.1321<br>5 | 12.410<br>8 | 396.85 | 0.1506 | 100.00 | 0.1530 | 01-<br>076-<br>0631;<br>00-<br>029-<br>1488   | 3.98 | 0.59 | 58.94 | Yes |
| 4.9740<br>8 | 17.832<br>5 | 22.81  | 0.6691 | 5.75   | 0.6800 | 00-<br>046-<br>1311   | 0.23 | 0.15 | 15.05 | Yes |
| 4.5531<br>9 | 19.496<br>3 | 101.80 | 0.0399 | 25.65  | 0.0333 | 01-<br>080-<br>1831   | 1.02 | 0.03 | 2.71  | Yes |
| 4.4930<br>6 | 19.759<br>8 | 271.30 | 0.2433 | 68.36  | 0.2027 | 00-<br>029-<br>1498;<br>00-<br>029-<br>1497;<br>00-<br>039-<br>0381;<br>01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-<br>046-<br>1311;<br>00-<br>029-<br>1488 | 2.72 | 0.44 | 44.00 | Yes |
| 4.4584<br>3 | 19.914<br>9 | 218.48 | 0.1338 | 55.05  | 0.1360 | 00-<br>029-<br>1498;<br>00-<br>029-<br>1497;<br>00-   | 2.19 | 0.29 | 28.84 | Yes |

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|             |             |        |        |       |        |   |      |      |       |     |
|-------------|-------------|--------|--------|-------|--------|---|------|------|-------|-----|
|             |             |        |        |       |        | 039-<br>0381;<br>01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-<br>046-<br>1311;<br>00-<br>029-<br>1488        |      |      |       |     |
| 4.3955<br>7 | 20.202<br>7 | 202.00 | 0.2048 | 50.90 | 0.1706 | 00-<br>029-<br>1490;<br>00-<br>029-<br>1498;<br>01-<br>076-<br>0631;<br>00-<br>046-<br>1311;<br>00-<br>029-<br>1488 | 2.03 | 0.28 | 27.57 | Yes |
| 4.3691<br>7 | 20.326<br>0 | 188.80 | 0.0200 | 47.57 | 0.0167 | 00-<br>029-<br>1490;<br>01-<br>076-<br>0631   | 1.89 | 0.03 | 2.52  | Yes |
| 4.3326<br>0 | 20.499<br>4 | 175.60 | 0.1577 | 44.25 | 0.1314 | 00-<br>029-<br>1490;<br>01-<br>076-<br>0631   | 1.76 | 0.19 | 18.46 | Yes |
| 4.2541<br>2 | 20.881<br>8 | 189.50 | 0.2669 | 47.75 | 0.2224 | 01-<br>078-<br>1252;<br>01-<br>080-<br>1831   | 1.90 | 0.34 | 33.72 | Yes |
| 3.6247<br>6 | 24.559<br>6 | 146.10 | 0.4048 | 36.82 | 0.3373 | 00-<br>029-<br>1490;  | 1.47 | 0.40 | 39.43 | Yes |

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|             |             |        |        |       |        |   |      |      |       |     |
|-------------|-------------|--------|--------|-------|--------|---|------|------|-------|-----|
|             |             |        |        |       |        | 01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-<br>029-<br>1488   |      |      |       |     |
| 3.5997<br>1 | 24.733<br>3 | 253.78 | 0.3521 | 63.95 | 0.2934 | 00-<br>029-<br>1490;<br>00-<br>029-<br>1497;<br>01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-<br>029-<br>1488 | 2.55 | 0.60 | 59.57 | Yes |
| 3.5760<br>2 | 24.899<br>8 | 344.00 | 0.2007 | 86.68 | 0.2040 | 00-<br>029-<br>1490;<br>00-<br>029-<br>1497;<br>01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-<br>029-<br>1488 | 3.45 | 0.68 | 68.12 | Yes |
| 3.5416<br>3 | 25.124<br>3 | 286.50 | 0.3863 | 72.19 | 0.3219 | 00-<br>029-<br>1490;<br>00-<br>029-<br>1497;<br>00-<br>039-<br>0381;<br>01-<br>080-                                 | 2.87 | 0.74 | 73.79 | Yes |

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|             |             |        |        |       |        |   |      |      |       |     |
|-------------|-------------|--------|--------|-------|--------|---|------|------|-------|-----|
|             |             |        |        |       |        | 1831;<br>00-<br>029-<br>1488  |      |      |       |     |
| 3.5433<br>6 | 25.175<br>3 | 254.64 | 0.0200 | 64.17 | 0.0167 |   | 2.55 | 0.05 | 5.09  | No  |
| 3.3410<br>6 | 26.659<br>6 | 303.29 | 0.0836 | 76.42 | 0.0850 | 01-<br>078-<br>1252;<br>00-<br>046-<br>1311   | 3.04 | 0.25 | 25.02 | Yes |
| 2.5870<br>7 | 34.645<br>0 | 100.10 | 0.0200 | 25.22 | 0.0167 | 00-<br>029-<br>1490;<br>00-<br>039-<br>0381;<br>01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-<br>046-<br>1311;<br>00-<br>029-<br>1488                 | 1.00 | 0.01 | 1.33  | Yes |
| 2.5598<br>5 | 35.025<br>3 | 111.50 | 0.2676 | 28.10 | 0.2720 | 00-<br>029-<br>1490;<br>00-<br>029-<br>1498;<br>00-<br>029-<br>1497;<br>00-<br>039-<br>0381;<br>01-<br>076-<br>0631;<br>00-<br>046-<br>1311;<br>00-<br>029- | 1.12 | 0.30 | 29.44 | Yes |

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|             |             |        |        |       |        |   |      |      |       |     |
|-------------|-------------|--------|--------|-------|--------|---|------|------|-------|-----|
| 2.5542<br>9 | 35.104<br>0 | 154.30 | 0.0200 | 38.88 | 0.0167 | 1488<br>00-<br>029-<br>1490;<br>00-<br>029-<br>1498;<br>00-<br>029-<br>1497;<br>00-<br>039-<br>0381;<br>01-<br>076-<br>0631;<br>00-<br>046-<br>1311;<br>00-<br>029-<br>1488 | 1.55 | 0.02 | 2.06  | Yes |
| 2.3803<br>6 | 37.762<br>2 | 68.43  | 0.2007 | 17.24 | 0.2040 | 01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-<br>046-<br>1311;<br>00-<br>029-<br>1488   | 0.69 | 0.14 | 13.55 | Yes |
| 1.9906<br>2 | 45.531<br>6 | 26.44  | 0.6691 | 6.66  | 0.6800 | 00-<br>029-<br>1490;<br>01-<br>078-<br>1252;<br>00-<br>039-<br>0381;<br>01-<br>076-<br>0631;<br>01-<br>080-<br>1831;<br>00-   | 0.27 | 0.18 | 17.45 | Yes |

| Year    | Age     | Gender | Marital Status | Education | Income | Health   | Employment | Home Ownership | Vehicle Ownership | Life Satisfaction |
|---------|---------|--------|----------------|-----------|--------|--|------------|----------------|-------------------|-------------------|
| 1.81778 | 50.1440 | 33.00  | 0.1673         | 8.32      | 0.1700 | 046-1311; 00-029-1488                              | 0.33       | 0.05           | 5.45              | Yes               |
| 1.56021 | 59.1699 | 1.03   | 0.2676         | 0.26      | 0.2720 | 01-078-1252; 00-039-0381; 01-076-0631; 01-080-1831 | 0.01       | 0.00           | 0.27              | Yes               |
| 1.48821 | 62.3432 | 54.92  | 0.2676         | 13.84     | 0.2720 | 00-029-1490; 01-076-0631; 01-080-1831              | 0.55       | 0.15           | 14.50             | Yes               |
| 1.37419 | 68.1872 | 8.33   | 0.4896         | 2.10      | 0.4080 | 00-029-1488  | 0.08       | 0.05           | 5.43              | Yes               |

More items... (Bookmark 6)

| Visible | Scan Name | Start pos. [°2Th.] | End pos. [°2Th.] | Step [°2Th.] | Measured Date/Time |
|---------|-----------|--------------------|------------------|--------------|--------------------|
| *       | 228 2mue  | 3.0080             | 84.9820          | 0.0170       | 28-jun-2007 18:18  |

More items... (Bookmark 7)

### **Document History:** (Bookmark 5)

#### Insert Measurement:

- Scan name = "228 2mue.udf"
- Modification time = "10/07/2007 19:23:13"
- Modification editor = "Administrator"

#### Interpolate Step Size:

- Step Size = "Derived"
- Modification time = "10/07/2007 19:23:13"
- Modification editor = "Administrator"

#### Determine Background:

- Correction method = "Automatic"
- Bending factor = "0"
- Use smoothed input data = "Yes"
- Add to net scan = "Nothing"
- Modification time = "10/07/2007 19:23:19"
- Modification editor = "Administrator"

#### Search Peaks:

- Minimum significance = "1.00"
- Minimum tip width = "0.01"
- Maximum tip width = "1.00"
- Peak base width = "5.00"
- Method = "Minimum 2nd derivative"
- Modification time = "10/07/2007 19:23:25"
- Modification editor = "Administrator"

#### Insert Peak:

- Peak position [°2Th.] = "6.8826"
- Modification time = "10/07/2007 19:23:31"
- Modification editor = "Administrator"

#### Insert Peak:

- Peak position [°2Th.] = "7.0380"
- Modification time = "10/07/2007 19:23:32"
- Modification editor = "Administrator"

#### Insert Peak:

- Peak position [°2Th.] = "7.2793"

- Modification time = "10/07/2007 19:23:33"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "6.4822"
- Modification time = "10/07/2007 19:23:35"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "6.0819"
- Modification time = "10/07/2007 19:23:36"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "5.8078"
- Modification time = "10/07/2007 19:23:38"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "6.3240"
- Modification time = "10/07/2007 19:23:40"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "5.5171"
- Modification time = "10/07/2007 19:23:42"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "5.4740"
- Modification time = "10/07/2007 19:23:44"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "12.1750"
- Modification time = "10/07/2007 19:23:47"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "11.9376"
- Modification time = "10/07/2007 19:23:50"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "20.2027"
- Modification time = "10/07/2007 19:23:55"
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "20.3260"
  - Modification time = "10/07/2007 19:23:56"
-

- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "20.4994"  
- Modification time = "10/07/2007 19:23:57"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "20.8818"  
- Modification time = "10/07/2007 19:23:58"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "19.7598"  
- Modification time = "10/07/2007 19:23:59"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "19.4963"  
- Modification time = "10/07/2007 19:24:00"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "25.1243"  
- Modification time = "10/07/2007 19:24:03"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "24.8183"  
- Modification time = "10/07/2007 19:24:05"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "24.7333"  
- Modification time = "10/07/2007 19:24:05"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "24.5596"  
- Modification time = "10/07/2007 19:24:07"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "25.1753"  
- Modification time = "10/07/2007 19:24:08"  
- Modification editor = "Administrator"

Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "35.1040"  
- Modification time = "10/07/2007 19:24:13"  
- Modification editor = "Administrator"

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## Insert Peak:

- Peak position [ $^{\circ}$ 2Th.] = "34.6450"
- Modification time = "10/07/2007 19:24:15"
- Modification editor = "Administrator"

## Delete Peak(s):

- Start position = "24.8183"
- End position = "24.8183"
- Modification time = "10/07/2007 19:24:25"
- Modification editor = "Administrator"

## Search-Match:

- Data source = "Profile and peak list"
- Restriction = "Restriction set"
- Description = "Minerals subfile only"
- All of: elements = ""
- At least one of: elements = ""
- None of: elements = ""
- Maximum no. of elements = "105"
- Skip marked as deleted by ICDD = "No"
- Skip marked as deleted by a user = "No"
- Quality marks set = ""
- Subfiles = "M"
- Scoring schema = "Multi phase"
- Auto residue = "Yes"
- Match intensity = "Yes"
- Demote unmatched strong = "Yes"
- Allow pattern shift = "Yes"
- Two theta shift = "0"
- Identify = "No"
- Modification time = "10/07/2007 19:24:44"
- Modification editor = "Administrator"

More items... (Bookmark 8)

More items... (Bookmark 9)

More items... (Bookmark 10)

More items... (Bookmark 11)

More items... (Bookmark 12)

More items... (Bookmark 13)

More items... (Bookmark 14)

More items... (Bookmark 15)

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