# Ladrillo 55

# Graphics:



# Peak List: (Bookmark 3)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pos. [°2Th.] | Height [cts] | d-spacing [Å] | Rel. Int. [%] | Matched by |
| 4.0783 | 42.02 | 21.66642 | 2.56 |  |
| 16.3616 | 207.24 | 5.41779 | 12.62 | 01-089-2645 |
| 18.4448 | 17.20 | 4.81032 | 1.05 |  |
| 25.4907 | 593.21 | 3.49443 | 36.13 | 01-087-0711 |
| 25.8668 | 412.94 | 3.44447 | 25.15 | 01-089-2645 |
| 26.1739 | 577.11 | 3.40475 | 35.15 | 01-089-2645 |
| 30.8243 | 125.93 | 2.90087 | 7.67 | 01-089-2645 |
| 33.1068 | 310.16 | 2.70591 | 18.89 | 01-089-2645 |
| 35.0610 | 1410.64 | 2.55944 | 85.92 | 01-087-0711; 01-089-2645 |
| 36.8541 | 109.94 | 2.43893 | 6.70 | 01-089-2645 |
| 37.6589 | 457.94 | 2.38863 | 27.89 | 01-087-0711 |
| 39.0966 | 129.11 | 2.30405 | 7.86 | 01-089-2645 |
| 40.6958 | 502.87 | 2.21712 | 30.63 | 01-089-2645 |
| 42.4177 | 185.85 | 2.13102 | 11.32 | 01-089-2645 |
| 43.2216 | 1422.04 | 2.09323 | 86.62 | 01-087-0711 |
| 48.0876 | 55.37 | 1.89217 | 3.37 | 01-089-2645 |
| 49.3700 | 69.51 | 1.84599 | 4.23 | 01-089-2645 |
| 52.4235 | 716.18 | 1.74542 | 43.62 | 01-087-0711 |
| 53.9013 | 147.24 | 1.70101 | 8.97 | 01-089-2645 |
| 57.3557 | 1641.73 | 1.60651 | 100.00 | 01-087-0711; 01-089-2645 |
| 57.5518 | 754.20 | 1.60017 | 45.94 | 01-087-0711; 01-089-2645 |

# Identified Patterns List:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Visible | Ref. Code | Score | Compound Name | Chemical Formula |
| Rojo | 01-087-0711 | 63 | Corundum (Cr-doped), syn | Al1.92 Cr.08 O3 |
| Azul | 01-089-2645 | 54 | Mullite, syn | Al ( Al.83 Si1.08 O4.85 ) |

#

# Plot of Identified Phases:



# Ladrillo 57

# Graphics:



# Peak List:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pos. [°2Th.] | Height [cts] | d-spacing [Å] | Rel. Int. [%] | Matched by |
| 3.6206 | 29.61 | 24.40401 | 1.65 |  |
| 4.1285 | 41.78 | 21.40285 | 2.33 |  |
| 16.3211 | 345.69 | 5.43113 | 19.28 | 01-089-2645 |
| 23.3633 | 57.73 | 3.80760 | 3.22 | 01-089-2645 |
| 25.4768 | 594.86 | 3.49632 | 33.17 | 01-075-0782 |
| 25.9459 | 1163.69 | 3.43416 | 64.90 | 01-089-2645 |
| 26.1709 | 592.88 | 3.40514 | 33.06 | 01-089-2645 |
| 30.8427 | 135.41 | 2.89919 | 7.55 | 01-089-2645 |
| 33.1033 | 352.84 | 2.70618 | 19.68 | 01-089-2645 |
| 35.0490 | 1793.12 | 2.56029 | 100.00 | 01-089-2645; 01-075-0782 |
| 36.9083 | 217.54 | 2.43547 | 12.13 | 01-089-2645 |
| 37.6564 | 377.68 | 2.38879 | 21.06 | 01-075-0782 |
| 39.0780 | 215.68 | 2.30510 | 12.03 | 01-089-2645 |
| 40.7322 | 706.50 | 2.21522 | 39.40 | 01-089-2645 |
| 42.4435 | 285.87 | 2.12979 | 15.94 | 01-089-2645 |
| 43.1833 | 1360.63 | 2.09500 | 75.88 | 01-075-0782 |
| 47.8007 | 133.10 | 1.90286 | 7.42 | 01-089-2645 |
| 49.2248 | 96.91 | 1.85109 | 5.40 | 01-089-2645 |
| 52.3697 | 650.79 | 1.74709 | 36.29 | 01-075-0782 |
| 53.3315 | 116.09 | 1.71783 | 6.47 | 01-089-2645 |
| 53.8599 | 132.83 | 1.70222 | 7.41 | 01-089-2645 |
| 57.3545 | 1283.98 | 1.60521 | 71.61 | 01-089-2645; 01-075-0782 |
| 57.5397 | 794.99 | 1.60446 | 44.34 |  |
| 58.1841 | 46.58 | 1.58428 | 2.60 | 01-089-2645 |

# Identified Patterns List:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Visible | Ref. Code | Score | Compound Name | Chemical Formula |
| Rojo | 01-089-2645 | 63 | Mullite, syn | Al ( Al.83 Si1.08 O4.85 ) |
| Azul | 01-075-0782 | 49 | Corundum (Cr-doped), syn | Al2 O3 |

# Plot of Identified Phases:

