

| | DataSet/P | Comment | Oxide | | | | | |
|--------|-----------|---------|-------|-------|-------|-----|--------|-------|
| | | | Na2O | SiO2 | Al2O3 | MgO | P2O5 | K2O |
| apatit | 26 / 1 . | HD671a | 0.006 | 0.024 | 0.004 | 0 | 41.381 | 0 |
| apatit | 25 / 1 . | HD671a | 0 | 0.006 | 0 | 0 | 41.272 | 0.014 |

| FeO | MnO | F | CaO | TiO2 | Cl | ZnO | As2O3 | SrO |
|-------|-------|-------|--------|------|-------|-------|-------|-------|
| 1.446 | 5.105 | 4.165 | 49.598 | 0 | 0.008 | 0.042 | 0 | 0.027 |
| 1.286 | 5.149 | 4.154 | 49.843 | 0 | 0.002 | 0 | 0 | 0 |

| | | Weight% | | | | | | | |
|-----|-------|---------|-------|-------|-------|---|--------|-------|-------|
| BaO | Total | Na | Si | Al | Mg | P | K | Fe | |
| | 0 | 101.806 | 0.005 | 0.011 | 0.002 | 0 | 18.059 | 0 | 1.124 |
| | 0.003 | 101.729 | 0 | 0.003 | 0 | 0 | 18.012 | 0.011 | 0.999 |

| Mn | F | Ca | Ti | Cl | Zn | As | Sr | Ba | |
|-------|-------|--------|----|----|-------|-------|----|-------|-------|
| 3.953 | 4.165 | 35.447 | | 0 | 0.008 | 0.034 | 0 | 0.023 | 0 |
| 3.988 | 4.154 | 35.622 | | 0 | 0.002 | 0 | 0 | 0 | 0.003 |

| O | Total | Atomic% | | | | | | | |
|--------|---------|---------|-------|-------|----|--------|-------|-------|--|
| | | Na | Si | Al | Mg | P | K | Fe | |
| 38.974 | 101.806 | 0.005 | 0.009 | 0.002 | 0 | 13.828 | 0 | 0.477 | |
| 38.934 | 101.729 | 0 | 0.002 | 0 | 0 | 13.802 | 0.007 | 0.425 | |

| Mn | F | Ca | Ti | Cl | Zn | As | Sr | Ba | |
|-------|--------|--------|----|----|-------|-------|----|-------|---|
| 1.707 | 5.199 | 20.976 | | 0 | 0.006 | 0.012 | 0 | 0.006 | 0 |
| 1.723 | May-19 | 21.095 | | 0 | 0.001 | 0 | 0 | 0 | 0 |

| O | Total | Det.Lim ppm | | Al | Mg | P | K | Fe | |
|--------|-------|-------------|-----|-----|-----|-----|-----|-----|-----|
| | | Na | Si | | | | | | |
| 57.773 | 100 | 100 | 547 | 183 | 305 | -45 | 508 | -1 | 529 |
| 57.755 | 100 | 100 | -1 | 191 | -5 | -11 | 534 | 517 | 560 |

| | | | | | | | | | |
|-----|-----|-----|----|-----|------|----|-----|------|--|
| Mn | F | Ca | Ti | Cl | Zn | As | Sr | Ba | |
| 525 | 893 | 521 | 0 | 194 | 1174 | -1 | 681 | 0 | |
| 499 | 851 | 499 | -2 | 207 | -3 | 0 | -1 | 1436 | |

| | StdDev wt% | | | | | | | | |
|---|------------|-------|-------|--------|-------|-------|-------|-------|--|
| O | Na | Si | Al | Mg | P | K | Fe | Mn | |
| | 0.046 | 0.016 | 0.025 | -0.004 | 0.611 | 0 | 0.098 | 0.176 | |
| | 0 | 0.016 | 0 | -0.001 | 0.609 | 0.044 | 0.094 | 0.176 | |

| F | Ca | Ti | Cl | Zn | As | Sr | Ba | O |
|-------|-------|----|-------|-------|----|-------|-------|---|
| 0.173 | 0.447 | 0 | 0.017 | 0.099 | 0 | 0.058 | 0 | |
| 0.171 | 0.448 | 0 | 0.017 | 0 | 0 | 0 | 0.119 | |

| Comment | Mean Z | Date |
|---------|--------|-------|
| HD671a | 14.594 | ##### |
| HD671a | 14.576 | ##### |