Table 5. Analytical condition for EMP analysis.

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| --- | --- | --- | --- | --- | --- |
| Element | Line | Crystal | Standard | Peak counting time (s) | Detection limit (wt. %) |
| Si | Kα | TAP | albite | 30 | 0.04 |
| Nd | Laα | LIFH | NdPO4 | 30 | 0.07 |
| Ca | Kα | PETJ | augite | 30 | 0.02 |
| Ta | Mα | TAP | Ta-Gel | 30 | 0.04 |
| Ti | Mα | LIFH | ilmenite | 30 | 0.03 |
| Fe | Kα | LIFH | ilmenite | 30 | 0.03 |
| Nb | Lα | PETJ | Nb-Gel | 30 | 0.04 |
| P | Kα | TAP | NdPO4 | 30 | 0.04 |
| Na | Kα | TAP | albite | 30 | 0.03 |
| Ba | Lα | PETJ | barite | 30 | 0.09 |
| La | Lα | LIFH | LaPO4 | 30 | 0.05 |
| Pb | Mα | PETJ | galena | 30 | 0.06 |
| Sr | Lα | PETJ | SrTiO3 | 50 | 0.05 |
| Ce | Lα | LIFH | CePO4 | 30 | 0.05 |
| Th | Mα | PETJ | monazite | 30 | 0.03 |
| U | Mβ | PETJ | monazite | 30 | 0.05 |
| F | Kα | TAP | fluorite | 30 | 0.02 |