

Impurities in 5N ZnTe crystals

| Element | | [at.%] | Element | | [at.%] | Element | | [at.%] | Element | | [at.%] | Element | | [at.%] |
|---------|---|-------------|---------|---|-------------|---------|---|-------------|---------|---|-------------|---------|---|-------------|
| Li | | 0,000010000 | Sc | < | 0,000000100 | Y | < | 0,000000100 | Ce | < | 0,000000500 | Os | < | 0,000000500 |
| Be | < | 0,000001000 | Ti | < | 0,000000100 | Zr | < | 0,000000100 | Pr | < | 0,000000500 | Ir | < | 0,000000500 |
| B | < | 0,000000500 | V | < | 0,000000100 | Nb | < | 0,000000100 | Nd | < | 0,000000100 | Pt | < | 0,000000500 |
| C | | 0,000066000 | Cr | | 0,000002500 | Mo | < | 0,000000200 | Sm | < | 0,000000100 | Au | < | 0,000001000 |
| N | | 0,000100000 | Mn | | 0,000003600 | Ru | < | 0,000000200 | Eu | < | 0,000000100 | Hg | < | 0,000001000 |
| O | | 0,000015000 | Fe | | 0,000270000 | Rh | < | 0,000000500 | Gd | < | 0,000000100 | Tl | < | 0,000001000 |
| F | < | 0,000001000 | Co | | 0,000000500 | Pd | < | 0,000000500 | Tb | < | 0,000000100 | Pb | < | 0,000001000 |
| Na | | 0,000014000 | Ni | | 0,000002200 | Ag | < | 0,000003000 | Dy | < | 0,000000100 | Bi | < | 0,000001000 |
| Mg | | 0,000079000 | Cu | | 0,000028000 | In | < | 0,000005000 | Ho | < | 0,000000100 | Th | < | 0,000001000 |
| Al | | 0,000160000 | Cd | | 0,000120000 | Sn | < | 0,000000500 | Er | < | 0,000000100 | U | < | 0,000000050 |
| Si | | 0,000073000 | Ga | < | 0,000000300 | Sb | < | 0,000000200 | Tm | < | 0,000000100 | Ca | < | 0,000003200 |
| P | < | 0,000000500 | Ge | < | 0,000001000 | Se | < | 0,000008500 | Yb | < | 0,000000100 | Rb | < | 0,000001000 |
| S | | 0,000090000 | As | < | 0,000001500 | I | < | 0,000000200 | Lu | < | 0,000000100 | La | < | 0,000000500 |
| Cl | | 0,000001000 | Sr | < | 0,000000500 | Cs | < | 0,000000200 | Hf | < | 0,000000100 | Re | < | 0,000000200 |
| K | < | 0,000001000 | Br | < | 0,000002000 | Ba | < | 0,000010000 | W | < | 0,000000300 | | | |

0,000612000

0,000432400

0,000029300

0,000002500

0,000012450 **0,001088650 TOTAL**