

# Certificate of analysis

Titanium foil, 0.25mm (0.01in) thick, 99.99+% (metals basis)

Stock Number: 13975

Lot Number: I08T040

## Analysis

Ti 99.995 %

|      |          |     |         |    |          |     |        |
|------|----------|-----|---------|----|----------|-----|--------|
| Ag   | < 0.05   | Al  | 1.6     | As | 2.5      | Au  | < 0.05 |
| B    | < 0.01   | Ba  | < 0.005 | Be | < 0.005  | Bi  | < 0.01 |
| Br   | < 0.05   | C   | 19.5    | Ca | < 0.2    | Cd  | < 0.05 |
| Ce   | < 0.005  | Cl  | 0.07    | Co | 0.015    | Cr  | 0.45   |
| Cs   | < 0.01   | Cu  | 0.3     | F  | < 0.05   | Fe  | 19     |
| Ga   | < 0.05   | Ge  | < 0.05  | H  | < 1      | Hf  | < 0.01 |
| Hg   | < 0.1    | I   | < 0.01  | In | < 0.05   | Ir  | < 0.01 |
| K    | < 0.01   | La  | < 0.005 | Li | < 0.005  | Mg  | < 0.05 |
| Mn   | 0.0225   | Mo  | < 0.05  | N  | 14       | Na  | < 0.01 |
| Nb   | < 0.2    | Nd  | < 0.005 | Ni | 12       | O   | 241    |
| Os   | < 0.01   | P   | 0.05    | Pb | < 0.01   | Pd  | < 0.01 |
| Pt   | < 0.05   | Rb* | < 5     | Re | < 0.01   | Rh  | < 0.15 |
| Ru   | < 0.01   | S   | < 5     | Sb | 4.5      | Sc  | < 0.05 |
| Se   | < 0.05   | Si  | 1.05    | Sn | 0.65     | Sr* | < 3000 |
| Ta** | < 5      | Te  | < 0.05  | Th | < 0.0005 | Tl  | < 0.01 |
| U    | < 0.0005 | V   | 0.3     | W  | 0.02     | Y*  | < 200  |
| Zn   | < 0.05   | Zr  | 0.4     |    |          |     |        |

Values given in ppm unless otherwise noted

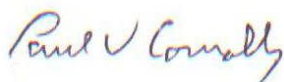
Carbon, hydrogen, nitrogen, oxygen and sulfur determined by LECO

All other elements determined by GDMS

\* Ion interference

\*\* Instrument contamination

Certified by:



Quality Control

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