



U

< 0.0001

Zn < 0.01

Eu < 0.001

Gd < 0.001

V

Zr

Ν

Но

< 0.001

< 0.001

< 0.001

< 0.1

FIUUUULINU.. 042958

Product: Copper slug, 3.175mm (0.125in) dia x 3.175mm (0.125in)

Cu

length, Puratronic ®, 99.9999% (metals basis)

99.99991 %

Lot No.: Q221008

Ag	0.15	Αl	0.01	As	0.02	Au	< 0.01
В	< 0.001	Ba	< 0.001	Be	< 0.001	Bi	0.002
Br	< 0.05	Ca	< 0.005	Cd	< 0.01	Ce	< 0.001
CI	0.005	Co	0.004	Cr	0.007	Cs	< 0.005
F	< 0.01	Fe	0.01	Ga	< 0.01	Ge	< 0.005
Hf	< 0.001	Hg	< 0.01	I	< 0.005	In	< 0.005
lr	< 0.001	K	0.03	La	< 0.001	Li	< 0.001
Mg	0.001	Mn	< 0.001	Mo	< 0.005	Na	< 0.01
Nb	< 0.005	Nd	< 0.001	Ni	0.02	0	2.78
Os	< 0.001	Р	< 0.005	Pb	< 0.001	Pd	< 0.005
Pt	< 0.01	Rb	< 0.001	Re	< 0.001	Ru	< 0.005
S	0.04	Sb	0.008	Sc	< 0.001	Se	0.01
Si	0.02	Sn	< 0.005	Sr	< 0.001	Ta*	< 5
Te	< 0.001	Th	< 0.0001	Ti	0.27	TI	< 0.001

Values given in ppm unless otherwise noted Carbon, nitrogen, and oxygen determined by LECO All other elements determined by GDMS
\*Instrument contamination

W

Dy

Rh\*

0.001

< 0.001

< 1

Υ

Er

< 0.001

< 0.001

< 3

Expiration Date: April 22, 2052

## Order our products online thermofisher.com/chemicals

This document has been electronically generated and does not require a signature.

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.