

Data Sheet

Typical Chemical Analysis - Control Spec

Product Description: **Copper Anode Flat/ Ball / Nugget Cu-OF**

Typical chemical compositions: **Oxygen Free Copper**

Chemical Compositions

Element	Symbol	Control Limit	Typical Value
Copper	Cu	min 99.99 %	99.994 %
Oxygen	O ₂	max 10 ppm	2 ppm
Iron	Fe	max 12 ppm	5 ppm
Phosphorous	P	max 5 ppm	2 ppm
Silver	Ag	max 25 ppm	9 ppm
Nickel	Ni	max 4 ppm	< 1 ppm
Lead	Pb	max 5 ppm	3 ppm
Sulfur	S	max 15 ppm	12 ppm
Tin	Sn	max 4 ppm	< 1 ppm
Arsenic	As	max 4 ppm	< 1 ppm
Zinc	Zn	max 4 ppm	< 1 ppm
Zirconiu	Zr	max 4ppm	< 1 ppm

Remark: Above data in unit of ppm unless specify otherwise

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