104.1 - High Purity Metals (solid forms)

These SRMs are intended for determining impurity elements in high purity metals.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

			Concentrations are in mass fractions, in mg/kg (ppm), unless noted as %													
SRM	Description	Unit of Issue	Aluminum (Al)	Antimony (Sb)	Arsenic (As)	Bismuth (Bi)	Boron (B)	Cadmium (Cd)	Calcium (Ca)	Chromium (Cr)	Copper (Cu)	Gold (Au)	Indium (In)	Iridium (Ir)	Iron (Fe)	Lead (Pb)
682	High-Purity Zinc	half-round bar						(0.1)			0.042				(0.1)	
683	Zinc, Metal	half-round bar						1.1			5.9				2.2	11.1
728	Intermediate-Purity Zinc	pellet form, 450 g						1.14			5.68	(<0.02)	(<0.0005)	(<0.005)	1.84	11.13
885	Refined Copper (pin form)	pin form, 200 g		(<0.0002 %)	(<0.0002 %)	(<0.0001 %)									(<0.0005 %)	0.0002 %

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only

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Magnesium (Mg)
(<0.1)
(<0.001)

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			Concentrations are in mass fractions, in mg/kg (ppm), unless noted as %											
SRM	Description	Unit of Issue	Manganese (Mn)	Molybdenum (Mo)	Nickel (Ni)	Oxygen (O)	Palladium (Pd)	Rhodium (Rh)	Selenium (Se)	Silver (Ag)	Sulfur (S)	Tellurium (Te)	Thallium (Tl)	Tin (Sn)
682	High-Purity Zinc	half-round bar			(<0.1)	(<0.5)				(0.02)				(0.02)
683	Zinc, Metal	half-round bar								1.3			(0.2)	(0.02)
728	Intermediate-Purity Zinc	pellet form, 450 g			(0.45)		(<0.05)	(<0.05)		1.08			*0.2*	*0.02*
885	Refined Copper (pin form)	pin form, 200 g			(<0.0001 %)	0.031 %			(<0.0001 %)	0.0005 %	0.0018 %	(<0.0001 %)		(<0.0001 %)

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Zinc (Zn)	Zirconium (Zr)
	(<0.01)
(<0.0001 %)	

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- Reference values are italicized
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