

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.

	682	683	728	885
Description >>	High-Purity Zinc	Zinc, Metal	Intermediate-Purity Zinc	Refined Copper (pin form)
Unit of Issue >>	half-round bar	half-round bar	pellet form, 450 g	pin form, 200 g
Concentrations are in mass fractions, in mg/kg (ppm), unless noted as %				
Aluminum				
Antimony				<0.0002 %
Arsenic				<0.0002 %
Bismuth				<0.0001 %
Boron				
Cadmium	(0.1)	1.1	1.14	
Calcium				
Chromium				
Copper	0.042	5.9	5.68	
Gold			<0.02	
Indium			<0.0005	
Iridium			<0.005	
Iron	(0.1)	2.2	1.84	<0.0005 %
Lead		11.1	11.13	0.0002 %
Magnesium	<0.1		<0.001	
Manganese				
Molybdenum				
Nickel	<0.1		(0.45)	<0.0001 %
Oxygen	<0.5			0.031 %
Palladium			<0.05	
Rhodium			<0.05	
Selenium				<0.0001 %
Silver	(0.02)	1.3	1.08	0.0005 %
Sulfur				0.0018 %
Tellurium				<0.0001 %
Thallium		(0.2)	0.2	
Tin	(0.02)	(0.02)	0.02	<0.0001 %
Zinc				<0.0001 %
Zirconium			<0.01	

- Certified values are normal font
- Non-certified or reference values are italicized
- Non-certified values in parentheses are for information only