

102.15 - Tin Base Alloys

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.

	54d	1727	1728	1729
Description >>	Bearing Metal (Tin Base)	Anode Tin	Tin Alloy (Sn-3Cu-0.5Ag)	Tin Alloy (97 Sn - 3 Pb)
Unit of Issue >>	75 g	block	disk	disk

Concentration are expressed as mass fraction, in % (unless noted by an asterisk * for mg/kg).

Aluminum			(12*)	460*
Antimony	7.04	(40*)	87*	96.4*
Arsenic	0.088	(<100*)	96*	
Bismuth	0.044	(8*)	128*	114.7*
Cadmium			58.2*	
Chromium			1.2*	
Cobalt		(2*)	57*	
Copper	3.62	(4*)	3.06	24*
Indium		(20*)	31*	
Iron	0.027	(20*)	111*	14.1*
Lead	0.62	33.26*	544*	3.11
Mercury			111.98*	
Nickel	0.0027	(3*)	81.7*	2.2*
Phosphorus			(10*)	
Silicon			(45*)	(20*)
Silver	0.0032		0.4591	(<75*)
Sulfur			34.9*	
Tin	88.57		(96.3)	96.9
Zinc			(156*)	518*

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