

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.

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

SRM Description	Unit of Issue	Aluminum (Al)	Antimony (Sb)	Arsenic (As)	Bismuth (Bi)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Indium (In)	Iron (Fe)	Lead (Pb)	Mercury (Hg)	Nickel (Ni)	Phosphorus (P)	Silicon (Si)
54d Bearing Metal (Tin Base)	75 g		7.04	0.088	0.044				3.62		0.027	0.62		0.0027		
1727 Anode Tin	block		(40*)	(<100*)	(8*)			(2*)	(4*)	(20*)	(20*)	33.26*		(3*)		
1728 Tin Alloy (Sn-3Cu-0.5Ag)	disk	(12*)	87*	96*	128*	58.2*	1.2*	57*	3.06	31*	111*	544*	111.98*	81.7*	(10*)	(45*)
1729 Tin Alloy (97 Sn - 3 Pb)	disk	460*	96.4*		114.7*				24*		14.1*	3.11		2.2*		(20*)

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