

## **Lead / Antimony Alloy (Cast), Certified Reference Material, disc 40 mm x 15**

Art. ID	MBH-85XPSB10C
Unit	disc
Deliverydetails	No Dangerous Good /not restricted

### Description

Lead has a variety of uses, dependent upon its purity and/or the elements that it is alloyed with. Antimony (Sb) is often added to improve hardness and strength, and Pb with 6% Sb specifically has a variety of uses, from sheets intended for use in the chemical industry, to piping used in plumbing and water distribution.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Silver (Ag)	[7440-22-4]	0,018 ± 0,0004	%		
Certified Value	Arsenic (As)	[7440-38-2]	0,113 ± 0,003	%		
Certified Value	Bismuth (Bi)	[7440-69-9]	0,04 ± 0,003	%		
Certified Value	Cadmium (Cd)	[7440-43-9]	0,0015 ± 0,0001	%		
Certified Value	Copper (Cu)	[7440-50-8]	0,147 ± 0,004	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,0018 ± 0,0002	%		
Certified Value	Antimony (Sb)	[7440-36-0]	10 ± 0,1	%		
Certified Value	Selenium (Se)	[7782-49-2]	0,0019 ± 0,0004	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,134 ± 0,006	%		
Certified Value	Zinc (Zn)	[7440-66-6]	0,0122 ± 0,0008	%		
Indicative Value	Sulfur (S)	[7704-34-9]	<20	ppm		
Indicative Value	Tellurium (Te)	[13494-80-9]	~40	ppm		
	Silver (Ag)	[7440-22-4]	0,0018	%		
	Arsenic (As)	[7440-38-2]	0,113	%		
	Bismuth (Bi)	[7440-69-9]	0,04	%		
	Cadmium (Cd)	[7440-43-9]	0,0015	%		
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	Selenium (Se)	[7782-49-2]	0,0019	%		
	Tin (Sn)	[7440-31-5]	0,134	%		
	Zinc (Zn)	[7440-66-6]	0,0122	%		