



Table 9 (cont'd) - ALCOA SPECTROCHEMICAL STANDARDS FOR CASTING ALLOYS
3XX ALLOYS



Typical Analysis - Weight Percent																
Alloy	Catalog Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	V	Pb	Sn	B	Be	As
356	KA-356	6.5x	0.50	0.20x	0.03x	0.22x	<0.0050	<0.0050	0.18x	0.05x	0.01x					
	KB-356	7.5x	0.15x	0.05x	0.12x	0.45	<0.0050	<0.0050	0.04x	0.16x	0.01x	0.06x	0.06x			
	KC-356	7.0x	0.08x	0.04x	0.02x	0.35	<0.0060	0.01x	0.03x	0.12x	0.01x	<0.0030	<0.0030	<0.0010	0.06x	<0.0010
357	SS-A357	7.1x	0.10x	0.05x	0.02x	0.60	0.02x	0.02x	0.03x	0.12x	0.01x					
	KA-358	8.0x	0.20x	0.08x	0.05x	0.65	0.02x	0.02x	0.06x	0.12x	0.01x					0.22
360	SS-360	9.6x	0.60	0.25	0.15x	0.55	<0.0050	0.17x	0.17x	0.06x	0.01x	0.05x	0.07x	<0.0010	<0.0005	<0.0010
	KA-360	10.0	0.35	0.40	0.10x	0.45	<0.0050	0.25	0.25	0.02x		0.20x	0.03x			
364	KB-360	9.0x	1.0x	0.10x	0.25	0.65	<0.0050	0.10x	0.10x	0.10x		0.10x	0.10x			
	KC-360	9.6x	1.1x	0.30	0.15x	0.58	<0.0050	0.20x	0.25	0.02x			0.12x			
380	KD-360	9.0x	0.10x	0.75	0.05x	0.52	0.01x	0.02x	0.03x	0.12x						
	SS-364	8.8x	0.90	0.15x	0.06x	0.35	0.40	0.05x	0.05x	<0.0050	0.01x	0.02x	0.05x	<0.0010	0.03x	<0.0010
	SS-380	8.9x	0.90	3.6x	0.40	0.20x	<0.0050	0.30	0.35	0.08x	0.01x	<0.0030	<0.0030	<0.0010	<0.0005	<0.0010

Typical Analysis - Weight Percent															
Alloy	Catalog Number	Na	Ca	Bi	Ga	Zr	Cd	Co	Sc	Li	Ag	Sr	Sb	P	Hg
356	KA-356				0.02x							0.05x	0.001x	0.003x	
	KB-356				0.02x							0.02x			
	KC-356				0.02x							0.02x			
357	SS-A357	<0.0010	<0.0030	<0.0010	0.02x	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.02x	<0.0010	<0.0010	<0.0010
	KA-368				0.02x							0.02x			
360	SS-360	<0.0010	<0.0030	<0.0010	0.02x	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.02x	<0.0010	<0.0010	<0.0010
	KA-360											0.02x			
364	KB-360											0.02x			
	KC-360											0.02x			
380	KD-360											<0.0050	0.10x	0.003x	
	SS-364	<0.0010	<0.0030	<0.0010	0.02x	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.02x	<0.0010	<0.0010	<0.0010
	SS-380	<0.0010	<0.0030	<0.0010	0.02x	<0.0030	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.02x	<0.0010	<0.0010	<0.0010

Note: The 'x' shown as part of the typical analysis concentration is used as a decimal place holder. Actual certified values are reported to the number of digits shown, with a numerical value in place of the 'x'.
Values given as less than, denoted by "<", indicate that those elements are typically below this value. No attempt is made to modify the base metal composition for these elements. However, these elements will be certified to the actual composition observed. Actual certified values may vary either above or below those indicated.
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