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**Table 10 (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    | Ag      | As      | B       | Be      | Bi      | Ca      |
| 380                               | SS-380         | 8.9x | 0.90 | 3.6x | 0.40  | 0.20x   | <0.0050 | 0.30  | 0.35    | 0.08x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | <0.0010 | <0.0030 |
|                                   | KA-380         | 9.4x | 1.1x | 3.1x | 0.15x | 0.45    | 0.05x   | 0.45  | 0.15x   | 0.12x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | <0.0010 | <0.0030 |
|                                   | KB-380         | 7.6x | 0.65 | 4.1x | 0.60  | 0.05x   | 0.03x   | 0.10x | 0.90    | 0.03x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | 0.10x   | <0.0030 |
|                                   | KC-380         | 9.0x | 1.2x | 3.6x | 0.30  | 0.20x   | 0.06x   | 0.20x | 0.60    | 0.07x |         |         |         |         |         |         |
|                                   | KD-380         | 9.2x | 1.1x | 3.6x | 0.30  | 0.20x   | 0.06x   | 0.20x | 2.7x    | 0.06x |         |         |         |         |         |         |
|                                   | KE-380         | 9.6x | 1.1x | 3.6x | 0.20x | <0.0050 | 0.02x   | 0.03x | <0.0050 | 0.03x |         |         |         |         |         |         |
|                                   | KF-380         | 8.4x | 0.70 | 2.6x | 0.45  | 0.30    | 0.02x   | 0.10x | 3.5x    | 0.11x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | 0.10x   | <0.0030 |
|                                   | KG-380         | 9.2x | 0.90 | 3.2x | 0.30  | 0.10x   | 0.01x   | 0.30  | 3.0x    | 0.05x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | 0.05x   | <0.0030 |
|                                   | KH-380         | 9.6x | 1.2x | 3.8x | 0.15x | 0.05x   | <0.0050 | 0.40  | 2.2x    | 0.02x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | 0.15x   | <0.0030 |
| 383                               | SS-383         | 11.0 | 1.0x | 2.5x | 0.35  | 0.25    | 0.06x   | 0.10x | 2.5x    | 0.08x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | <0.0010 | <0.0030 |
| 384                               | SS-384         | 11.5 | 1.0x | 3.5x | 0.30  | 0.10x   | 0.02x   | 0.25  | 0.60    | 0.05x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | <0.0010 | <0.0030 |
| 390                               | SS-390         | 16.5 | 0.90 | 4.5x | 0.25  | 0.60    | 0.05x   | 0.10x | 0.50    | 0.10x | <0.0010 | <0.0010 | <0.0010 | <0.0005 | <0.0010 | <0.0030 |

| Typical Analysis - Weight Percent |                |         |         |       |         |         |         |         |         |         |         |         |       |         |
|-----------------------------------|----------------|---------|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|-------|---------|
| Alloy                             | Catalog Number | Cd      | Co      | Ga    | Li      | Na      | P       | Pb      | Sb      | Sc      | Sn      | Sr      | V     | Zr      |
| 380                               | SS-380         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0010 | <0.0030 | <0.0010 | <0.0010 | <0.0030 | 0.02x   | 0.01x | <0.0030 |
|                                   | KA-380         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0010 | 0.1x    | <0.0010 | <0.0010 | 0.2x    | 0.02x   | 0.01x | <0.0030 |
|                                   | KB-380         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0010 | 0.20x   | <0.0010 | <0.0010 | 0.10x   | 0.02x   | 0.01x | <0.0030 |
|                                   | KC-380         |         |         |       |         |         |         | 0.05x   |         |         | 0.06x   | 0.02x   |       |         |
|                                   | KD-380         |         |         |       |         |         |         | 0.05x   |         |         | 0.06x   | 0.02x   |       |         |
|                                   | KE-380         |         |         |       |         |         |         |         |         |         |         | 0.02x   |       |         |
|                                   | KF-380         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0010 | 0.10x   | <0.0010 | <0.0010 | 0.15x   | 0.02x   | 0.01x | <0.0030 |
|                                   | KG-380         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0050 | 0.20x   | <0.0010 | <0.0010 | 0.10x   | 0.02x   | 0.01x | <0.0030 |
|                                   | KH-380         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0010 | 0.05x   | <0.0010 | <0.0010 | 0.05x   | 0.02x   | 0.01x | <0.0030 |
| 383                               | SS-383         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0010 | 0.20x   | <0.0010 | <0.0010 | 0.15x   | 0.03x   | 0.01x | <0.0030 |
| 384                               | SS-384         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | <0.0050 | 0.12x   | <0.0010 | <0.0010 | 0.12x   | 0.02x   | 0.01x | <0.0030 |
| 390                               | SS-390         | <0.0010 | <0.0010 | 0.02x | <0.0010 | <0.0010 | 0.01x   | 0.08x   | <0.0010 | <0.0010 | 0.08x   | <0.0050 | 0.01x | <0.0030 |

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'. Actual certified values may vary both above and below those indicated.

Values given as less than, denoted by "<", indicate that those elements are typically below this value. No intentional addition is made for these elements, however these elements will be certified to the actual composition observed.