

Table 1. Weight Loss over Time

Days Exposed	6063 Alloy Weight	6063 Alloy Weight Loss %	% Sulfuric Acid (v/v)	5000 Series Alloy weight	5000 Series Weight Loss %	% Sulfuric Acid
0	88.4033 g	0%	12.9% (225 g/L)	62.2532 g	0%	12.9%
12 days	87.8161 g	0.66%	12.8%	58.7676 g	5.6%	10.8%
22 days	87.0005 g	1.6%	11.8% ¹	55.6696 g	10.6%	8.4% ¹
39 days	85.6494 g	3.1%	12.0% ²	50.1080 g	19.5%	10.1% ³
62 days	83.2935 g	5.8%	10.4% ^{1, 4}	42.7474 g	31.3%	9.2% ^{1, 5}
81 days	80.4747 g	9.0%	10.7	41.7639 g ⁶	32.9%	7.6%

1- Sulfuric Acid Addition was made to raise levels back to 12.5%

2 - Dissolved aluminum content was found to be 6.6 g/L

3 - Dissolved aluminum content was found to be 21.6 g/L

4 – Dissolved aluminum content was found to be 11.9 g/L

5 – Dissolved aluminum content was found to be 37.8 g/L

6 – Large quantity of aluminum sulfate found on cathode selection and in solution container