

ly with both oxygen and silicon.

Testing for silicon is a simple way to determine whether the aluminum is a naturally occurring material from the earth's crust. There is 3.4 times as much silicon as aluminum in the earth's crust. The silicon is natural, because nobody has ever suggested using silicon for geoengineering or other nefarious purpose.

If the silicon/aluminum ratio is roughly 3/1 for a series of tests, that is a pretty good indication that the aluminum is also a natural material from the earth's crust. On the other hand, if you don't get any silicon, or have a very low silicon/aluminum ratio, that indicates an anthropogenic source of aluminum.

I have done this test four times on rain samples from my back yard and got an average ratio of 3.8, indicating that it is just dust and volcanic ash from the earth's crust.

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