

How much aluminum is typically in one serving of water treated with Adya Clarity?

First, let's discuss measurements.

Take any product you have at home such as a food or drink product or supplement. Now take a look at the nutritional facts. Notice the measurements of ingredients. Most likely, you'll see a variation of gram (g), milligram (mg), or microgram (mcg).

What you're *not likely* to find is parts per million (ppm) or parts per billion (ppb). This is because ppm and ppb are based on *volume per liter* and grams are based on *weight per volume*. Ingredients in products are always based on weight, not volume. (The only reason Adya Clarity has ppm on its label is because it's based on the *volume of water* you're treating.)

Next, we'll convert ppm to mg. to figure out what the *weight per volume* of aluminum is in Adya Clarity.

The ppm of aluminum in a liter of Adya Clarity equals roughly 1,000*. You can convert ppm to mg. [using this simple conversion tool](#). Simply type "1,000" in the ppm spot and it will automatically show you 998 mg.

Adya Clarity is diluted down **1,000 times** for treating drinking water. On a bottle of Adya Clarity, you'll notice the directions say to add 1 teaspoon (tsp.) of solution to treat 1.3 gallons (g) of water. (1 tsp. to 1.3 gallons is a 1:1000 ratio.)

To do the math correctly, we want to show a 1:1000 ratio, so we we'll be adding 1 ml. to 1 liter of water. In 1 ml of Adya Clarity there is **0.998 mg. of aluminum**.

A test conducted by an independent, EPA-certified laboratory demonstrates that **88% of the aluminum in Adya Clarity precipitates out with contaminants after treatment and filtration**. [See the test results here](#).

The test proves that after treating and filtering 1 liter of water with 1 ml. of Adya Clarity, there is 0.118 mg. of aluminum left in the water, which is well within the EPA's recommended levels of 0.05-0.2 mg/L.

Now it's time to calculate the *actual* amount of aluminum *per serving* of water treated with Adya Clarity and then filtered.

This is based on 8 oz. of water as 1 serving. There are 33.81 oz. in 1 liter of water. Let's make it easy by rounding and say there are four 8 oz. servings in 1 liter of water.

To do this, we take the amount of aluminum left in the water after filtration, 0.118 mg. (as shown in the test results above), and divide it by the number of servings in 1 liter of water, 4.

$$0.118/4 = 0.028 \text{ mg. (rounded)}$$

So how much aluminum is left in one 8 oz. serving of water treated with Adya Clarity and then filtered?

The answer is 0.028 mg.

*Because this is a naturally occurring compound, mineral composition may vary slightly.