

BAC Water Mixing Chart (Printable PDF)

ANSWER

This BAC water mixing chart shows concentration outcomes when labelled vial masses are divided by example diluent volumes. It does not select a water volume, product or amount. Bacteriostatic water suitability and handling must come from the product label and a licensed healthcare provider.

This chart is a calculation reference. The amounts shown are labels or arithmetic examples; this chart states no dose and gives no **medical advice**.

Vial mg × diluent mL → concentration

Each row is a direct conversion. No row is highlighted or selected for the reader.

Vial mass	Diluent entry	Concentration	Boundary
2 mg	1 mL	2,000 mcg/mL	Arithmetic only
2 mg	2 mL	1,000 mcg/mL	Arithmetic only
2 mg	3 mL	666.67 mcg/mL	Arithmetic only
5 mg	1 mL	5,000 mcg/mL	Arithmetic only
5 mg	2 mL	2,500 mcg/mL	Arithmetic only
5 mg	3 mL	1,666.67 mcg/mL	Arithmetic only
10 mg	1 mL	10,000 mcg/mL	Arithmetic only
10 mg	2 mL	5,000 mcg/mL	Arithmetic only
10 mg	3 mL	3,333.33 mcg/mL	Arithmetic only

Sources

NIST Guide for the Use of the International System of Units (<https://www.nist.gov/pml/special-publication-811>)

• KEY FACTS

- ✓ **Arithmetic reference only:** every numeric cell is a unit conversion or mass ÷ volume result.
- ✓ **No amount is selected:** any target amount shown is explicitly a user-entered example axis.
- ✓ **Printable:** the HTML table and downloadable PDF are generated from the same source.
- ✓ **Check the label:** a table cannot authenticate a vial, syringe or diluent.

How to read this chart

Use a value printed on your own label or measuring device, then follow the row to the converted unit. The table performs deterministic arithmetic and does not decide which row applies to you.

What this chart does not do

It does not select an amount, product, diluent volume, schedule or progression. It is a printable reference for values that already exist in your own record.

Source and method

The table was generated from the stated formula and checked against **NIST Guide for the Use of the International System of Units**. External sources provide unit or identity context; the numeric grid itself is original arithmetic.

Frequently asked questions

Does this printable chart recommend a dose?

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No. It converts labelled mass, measured volume and user-entered values. It provides no

starting amount, upper limit, schedule or progression.

Can I use the PDF without the website?



Why is the source list separate from the numeric table?



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