

Using ingredients in ppm

1 ppm = 0.000001

Adding ingredients to a formula in ppm requires

1 - the total grams added to formula

2 - formula total

3- flavor use level

Calculation: total grams added to formula ÷ formula total X flavor use level

Example: 0.5 ppm added to a 100 gram formula

1 - Total grams added to formula = 0.5 grams added in a 10% solution = 0.05 grams

2 - Formula total = 100 grams

3 - Use level = 0.1%

Calculation: 0.05 grams ÷ 100 X 0.1%

$0.05 \div 100 = 0.0005$

$0.0005 \times 0.1\% = 0.0000005$ or 0.5 ppm