



Stock Concentrate Validation Protocol

What does it mean to "Validate" a Stock Concentrate?

1. To Validate a stock concentrate means to confirm the mix against a known value of "ideal" results.
2. Simply put, this is a small dilution test to check the final concentration.

Why is it important to Validate a Stock Concentrate?

1. Validating a stock concentrate is important to ensure the proper ratio of nutrients in the final use of the product. This is fundamental for consistency when managing automated and large scale fertigation programs.
2. When running dry, water-soluble fertilizers, the tolerances for inconsistency are lower, so it's important to verify the desired concentration has been achieved to maximize the fertility of your nutrient mix.
3. Doing a quick validation is a great way to ensure that every mix is done the same way, correctly, every time.
 - a. Recording these mix validations into a log book is also very useful for historical data keeping. In case there's ever a need to look back to confirm nutrient mixing was consistent.

HOW TO VALIDATE A STOCK CONCENTRATE:

STEP 01

01



Weigh out 990g of RO water

STEP 02

02



Add 10mL of concentrate and mix.

STEP 03

03



Test EC of sample mixture against the chart below.

- +/- .1 EC difference from target is acceptable

This value is the Validated EC.

CULTIVATOR SERIES

BASE NUTRIENTS



NUTRIENT:

1LB/GAL

2LB/GAL

Grow

1.0

2.0

Base

1.2

2.4

Bloom

1.05

2.1

CS2

BASE NUTRIENTS



NUTRIENT:

1LB/GAL

2LB/GAL

Prime

1.2

2.4

Push

1.1

2.2

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#104 - 1625 Heritage Street,
Woodland, WA 98674 USA

8687 Melrose Ave, Suite G320,
West Hollywood, CA 90069 USA

1-800-640-9605

www.AdvancedNutrients.com/GrowerSupport

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