



AQUALAB VERIFICATION STANDARDS AND SAMPLE CUPS

METER



Foods Generally within This Range

Highly perishable (fresh) foods and canned fruits, vegetables, meat, fish, milk, and beverages

Some cheeses (Cheddar, Swiss, Muenster, Provolone), cured meat (ham), bread, tortillas

Fermented sausage (salami), sponge cakes, dry cheeses, margarine

Most fruit juice concentrates, sweetened condensed milk, syrups, jams, jellies, soft pet food

Marmalade, marzipan, glacé fruits, beef jerky

Molasses, raw cane sugar, some dried fruits, nuts, snack bars, snack cakes

Dried fruits containing 15-20% moisture; some toffees and caramels; honey, candies

Dry pasta, spices, rice, confections, wheat

Whole egg powder, chewing gum, flour, dry beans

Cookies, crackers, bread crusts, breakfast cereals, dry pet food, peanut butter

Whole milk powder, dried vegetables, freeze dried corn

Range of a_w (Standards to Bracket Sample)

1.000–0.9 5
(0.92 & 1.000)

0.95–0.9 1
(0.760 & 0.984)

0.91–0.8 7
(0.760 & 0.920)

0.87–0.8 0
(0.760 & 0.920)

0.80–0.7 5
(0.500 & 0.920)

0.75–0.6 5
(0.500 & 0.760)

0.65–0.6 0
(0.500 & 0.760)

0.60–0.5 0
(0.500 & 0.760)

0.50–0.4 0
(0.250 & 0.500)

0.40–0.3 0
(0.250 & 0.500)

0.30–0.2 0
(0.250 & 0.500)



1.000



0.984



0.920 *



0.760 *



0.500



0.250 *

Your AQUALAB instrument should be verified against two salt standards with known water activities each day or shift. Use one standard above your water activity range and one below to ensure the safety of your product.

To place an order, visit www.aqualab.com/reorder or call

* Best for capacitance sensors in the AquaLab 4TEV, Pawkit and LITE.