

Reading → true % ABV at 20°C

READS	10°C	15°C	20°C	25°C	30°C	35°C
95%	98.3	96.7	95.0	93.3	91.7	90.0
90%	93.3	91.7	90.0	88.3	86.7	85.0
85%	88.3	86.7	85.0	83.3	81.7	80.0
80%	83.3	81.7	80.0	78.3	76.7	75.0
75%	78.3	76.7	75.0	73.3	71.7	70.0
70%	73.3	71.7	70.0	68.3	66.7	65.0
65%	68.3	66.7	65.0	63.4	61.7	60.0
60%	63.3	61.6	60.0	58.4	56.7	55.0
55%	58.3	56.6	55.0	53.4	51.7	50.0
50%	53.3	51.6	50.0	48.4	46.7	45.0
45%	48.3	46.6	45.0	43.4	41.7	40.0
40%	43.3	41.6	40.0	38.4	36.7	35.0

Rules of thumb

- Alcoholmeters are calibrated at 20°C.
- Warm sample reads HIGH:** correct downward.
- Cold sample reads LOW:** correct upward.
- Roughly 1 point per 3°C away from 20°C.

Good practice

- Let hot distillate cool toward 20°C before trusting a reading.
- Read at eye level, at the bottom of the meniscus.
- Spin the alcoholmeter gently to shed bubbles.
- This table is linearised; for bottling records use the OIML-based tool at distilcalc.com.

Approximation valid for spirit-strength ethanol–water mixtures in the 10–35°C range shown. The exact relationship follows the OIML R 22 alcoholometric tables, which the online calculator applies in full.