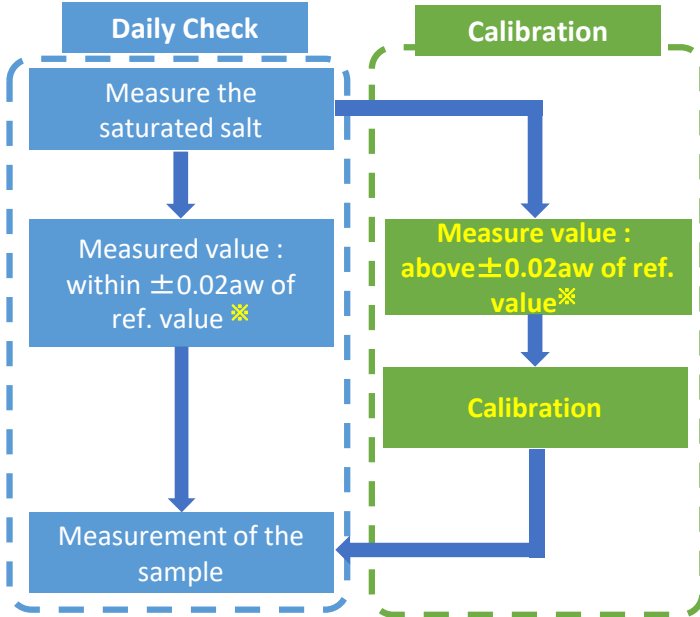


# Saturated Salt for AW -1

## Accuracy Verification Before Measurement

The water activity analyzer AW-1 is verified to have an accuracy of  $\pm 0.01aw$  in stability mode at the time of shipment. **At the time of season change or big change in the temperature and humidity of environment, it is advisable to perform accuracy verification using saturated salt.**

It is recommended to perform water activity calibration if the measurement result of the saturated salt under the same conditions as sample measurement deviates by more than  $\pm 0.02^*$  from the reference value.

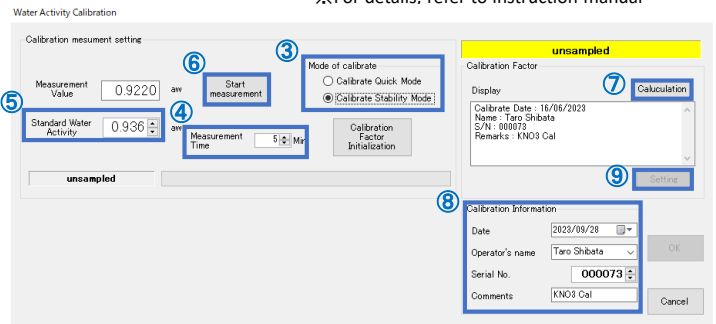


\* It varies depending on the accuracy required by the customer."

## Calibration Procedure

- ① Connect the PC and AW-1 using USB cable
- ② Launch the dedicated software and click on 'Calibration' and 'Water Activity Calibration'
- ③ Select the measurement mode to calibrate
- ④ Set the measurement time  
(If calibrating immediately after measurement, set it to 5 minutes.)
- ⑤ Enter the water activity of the saturated salt
- ⑥ Start measurement
- ⑦ After measurement, select 'Calculate' to calculate the correction value
- ⑧ Input calibration information
- ⑨ Select 'Settings' and save the correction value

※For details, refer to instruction manual



## Saturated Salt for AW-1

- Prepare following ISO 18787:2017 as a reference
- Simply open the lid and set it on the sensor part to complete the preparation
- Reusable
- No worries about liquid leakage thanks to the waterproof breathable film
- Can choose the saturated salt depends on the sample you are measuring



### ■ Specification

Code	Name	Type
060990-020	Saturated Salt 0.225aw	Potassium acetate CH <sub>3</sub> COOK
060990-021	Saturated Salt 0.328aw	Magnesium chloride MgCl <sub>2</sub>
060990-022	Saturated Salt 0.529aw	Magnesium nitrate Mg(NO <sub>3</sub> ) <sub>2</sub>
060990-023	Saturated Salt 0.753aw	Sodium chloride NaCl
060990-024	Saturated Salt 0.843aw	Potassium chloride KCl
060990-025	Saturated Salt 0.930aw	Ammonium dihydrogen phosphate NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub>
060990-026	Saturated Salt 0.973aw	Potassium sulfate K <sub>2</sub> SO <sub>4</sub>

※The water activity is the value at 25°C