

## RAPID CRS Evidence Sheet

### — Airtightness to H<sub>2</sub>O and acetonitrile —

#### **【Summary】**

RAPID CRS has high airtightness to water at 37°C and acetonitrile at 15°C.

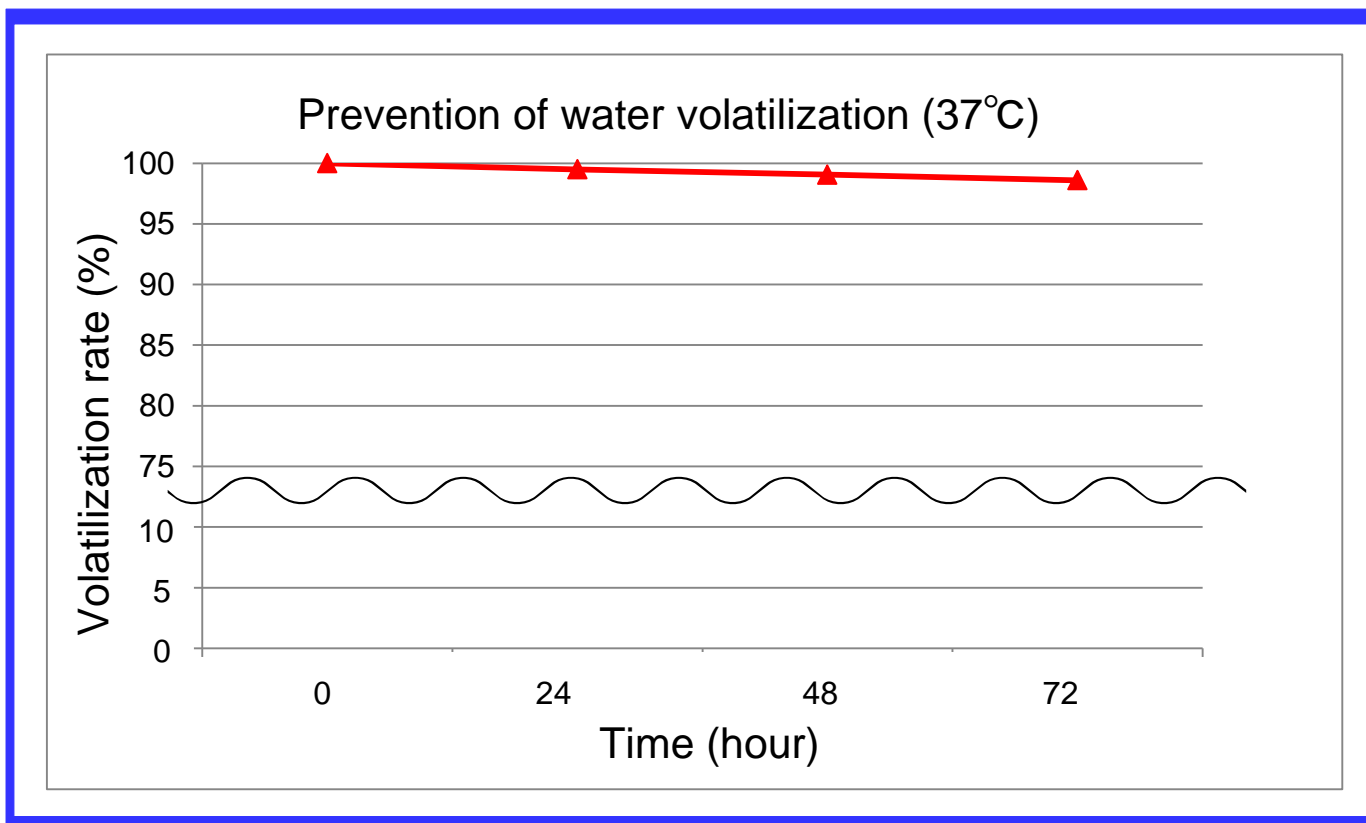
#### **【Method】**

We evaluated the performance of airtightness of RAPID CRS by measuring the weight of plates over time 72 hours. 150 µl of water (H<sub>2</sub>O) and acetonitrile (AcCN) were dispensed to all wells of 96 well plates. The plates were sealed with RAPID CRS and stored at temperature setting of 37°C and 15°C, respectively. The results were presented in percentage of the decrease compared with time zero immediately after the sealing.

#### **【Result】**

RAPID CRS showed high airtightness to water and acetonitrile under the temperature of 37°C (Figure1) and 15°C (Figure2), respectively. In the case of water, the airtightness of RAPID CRS was about 98% over 72 hours. And in the case of acetonitrile, the airtightness of RAPID CRS was about 97% over 72 hours.

【Figure 1】



【Figure 2】

