

RAPID CRS Evidence Sheet

—Airtightness to H₂O and acetonitrile—



【Summary】

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

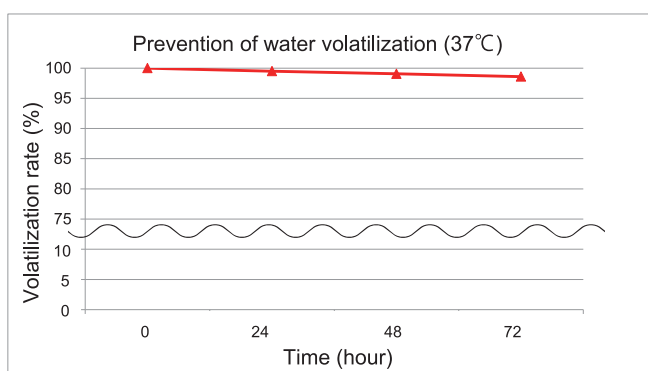
【Method】

We evaluated the performance of airtightness of RAPID CRS by measuring the weight of plates over time 72 hours. 150 μ l of water (H₂O) 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】

