

# **Reply to comments on “In-situ observation for RH-dependent mixing states of submicron particles containing organic surfactants and inorganic salts” by Xiong et al.**

## **Reply to Editor**

1) Thank you for carefully addressing the referee's comments. Before acceptance, could you please consider modifying your title. Your title states "In-situ observations", which implies measurements in the atmosphere (i.e. field measurements). Since you are showing laboratory studies, I suggest removing "in-situ" from the title.

### **Response:**

We truly appreciate the suggestions. We replaced “In-situ” with “Direct”, since we think direct observation was an important substance of this study so we want to highlight it in title.

### **Revision/addition:**

- 1) Title: “**Direct observation for RH-dependent mixing states of submicron particles containing organic surfactants and inorganic salts**”
- 2) Abstract, L14: “**Here, direct characterizations of mixing state for 20 kinds of...**”