Supporting Information

# Insights on drying and precipitation dynamics of respiratory droplets from the perspective of Covid-19

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# S1: Universal onset of precipitation in salt laden (1 wt%) acoustically levitated droplet



**Figure S1: (top panel) plot of normalized droplet diameter reduction (D/D0) vs time where the initial droplet diameter is restricted to 0.5-0.6 mm while the (T, RH) vary from (30°C, 0.5) to (27°C, 0.4). (bottom panel) At the same (T, RH) = (30°C, 0.5), the initial droplet diameter is varied from 0.8 mm to 0.3 mm.**

Irrespective of the initial droplet size or the ambient conditions, the diameter reduction always seems to slow down after reducing below 0.3D0. This has modelled and experimentally verified by Chaudhuri et al1.

Reference