

Supplementary Materials

The following information are available online:

Video S1. The process of drying a drop of distilled water sitting on a glass substrate. Dispersed phase is concentrated in the center of the drop base

<https://drive.google.com/file/d/0B5m50WfMUAjXaUITSzF6R012Rlk/view?usp=sharing>

Video S2. The process of drying a drop of tap water sitting on a glass substrate. Dispersed phase occupies the entire area of a drop

<https://drive.google.com/file/d/0B5m50WfMUAjXeIV3aGhaTTc4Ukk/view?usp=sharing>

Table S1. The results of chromatography-mass spectrometric analysis of a sample of dried coffee for water content (Addition to Figure 3).

No	Thermal Desorption Temperature	Sample Weight, mg	S (H ₂ O)	w (H ₂ O), %
1	100	7.2	4921843	1.6
2	150	11.7	33178809	6.5
3	200	10.6	33876750	7.4
4	300	11.2	97991324	20.1

Figure S1. The X-ray diffraction experiment was performed on a Bruker D8 Discover X-ray diffractometer. The survey was carried out in a sliding incidence geometry (angle of incidence—3°) with a Gobel mirror and a 0.6 mm gap on the primary beam. A 2 θ scan was recorded with a Soller gap in front of the detector. The result is shown below: Diffraction pattern of crystals formed after evaporation of distilled water.

