



Supplementary figure 1. IR spectrum of wet and dry bDLB. **(A)** IR spectrum of dry bDLB showed three characteristics peaks in all lots produced at 1579 cm⁻¹ (COOH), 1515 cm⁻¹ (NH₂) and 1402 cm⁻¹ (CH). **(B)** IR spectrum of wet bDLB showed seven characteristics peaks in all lots produced at 1582 cm⁻¹ (COOH), 1516 cm⁻¹ (NH₂), 1400 cm⁻¹ and 1350 cm⁻¹ (CH), 1330 cm⁻¹ (CN), 1260 cm⁻¹ (CC), and 1220 cm⁻¹ (COC).