

The present invention relates to a cartridge for an aerosol-generating system. The cartridge (100) comprises: a liquid storage container (102) containing: a first liquid composition (110); and a second composition separated from the first liquid composition (110); and an outlet (106) in the liquid storage container (102) for delivery of liquid from the liquid storage container (102). The first liquid composition (110) and the second composition may be separated by providing capsules (112) within the first liquid composition (110) to encapsulate the second composition. The first liquid composition (110) and the second composition may be separated by a fluid permeable partition. The invention further relates to aerosol-generating devices (200) configured to receive the cartridge (100) to form an aerosol-generating system.