

Abstract

METHOD FOR PREPARING MICROCAPSULE

The invention relates to a method for producing microcapsules each having a shell and a core that contains an organic compound inside the shell, which includes: Step 1: a step of emulsifying an aqueous phase component containing an emulsifier and an oily phase component containing an organic compound and a tetraalkoxysilane to give an emulsified liquid, Step 2: a step of subjecting the emulsified liquid prepared in the step 1 to a sol-gel reaction under an acidic condition to prepare an aqueous dispersion containing silica capsules (1) each having a core and a first shell, and Step 3: a step of further adding a tetraalkoxysilane to the aqueous dispersion containing the silica capsules (1) formed in the step 2, and subjecting the obtained mixture to sol-gel reaction to form microcapsules each having a second shell that encapsulates the first shell, and wherein the emulsifier used in the step 1 contains a cationic surfactant, and the content of the emulsifier in the aqueous phase component in the step 1 is 0.30% by mass or less.