

Observation of the micro-CT images showed particle dispersion with no agglomeration. The areas where the vast majority of particles were seen were in the cortical zone of the bone. Very few particles appeared in the cancellous tissue, and in these cases, they came from the cortical zone from which they had been entrained. In Figure 4, we can see that the particle size distributions of 5, 15, and 30 μm obey a Gaussian curve. The averages of the equivalent diameters are shown in Table 1.